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PROFESSIONAL INCOME OF ENGINEERS

1994

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PROFESSIONAL INCOME
OF ENGINEERS
1994

A Report of an Annual Survey
Conducted by the

ENGINEERING WORKFORCE COMMISSION
of the
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES, INC.

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The American Association of Engineering Societies (AAES) is a multidisciplinary organization dedicated to advancing the knowledge, understanding and practice of engineering in the public interest. Its members represent the mainstream of U.S. engineering–over half a million engineers in industry, government, and education.

Through its councils, commissions and committees, AAES addresses questions relating to the engineering profession; assesses public policy issues affecting engineering, technological innovation and national goals; conducts surveys of engineering personnel; represents the U.S. engineering community internationally in such bodies as the World Federation of Engineering Organizations and the Pan American Union of Engineering Associations; undertakes special projects such as national inventors' workshops and major studies of the utilization of American engineers; issues statistical studies of the engineering workforce, present and future; and publishes reference works such as *Who's Who in Engineering* and the *Thesaurus of Engineering and Scientific Terms.*

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The Engineering Workforce Commission (EWC), formerly the Engineering Manpower Commisssion, has been a source of objective, timely data relating to the supply and demand for technological personnel since its organization in 1950. As an AAES Commission, EWC is composed of volunteers from professional engineering societies, academia, government, and industry, supported by a professional staff headed by AAES' Director of Research.

EWC conducts annual surveys of industry and schools of engineering, monitors trends in the supply of and demand for engineers, and produces annual reports on engineering enrollments, degrees, and salaries. In addition to its statistical studies, EWC also produces the *Engineering Workforce Bulletin,* which assesses trends in the engineering workforce including participation in the profession by women and ethnic minorities.

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The Engineering Workforce Commission wishes to express its grateful appreciation for the cooperation of the hundreds of organizations that provided the data on which this report is based.

TABLE OF CONTENTS

Introduction i
Survey Methodology ii
Curve Smoothing iii
Presentation of Results v
Definitions v
Percentage of Engineers Receiving Bonuses or Other Special Compensation, 1991-1993 vii
Distribution of Responses, 1994 viii

Curves and Tables for All Industries, 1994 1
  General Data 3
  By Size of Employers 7
    Large 9
    Medium 12
    Small 15
  By Geographic Region 19
    New England 21
    Middle Atlantic 24
    East North Central 27
    West North Central 30
    South Atlantic 33
    East South Central 36
    West South Central 39
    Mountain 42
    Pacific 45
    Chicago Metropolitan area 48
    New York City Metropolitan area 51
    San Francisco Bay area 54
    Southern California 57
    Washington D.C. Metropolitan area 60

Curves and Tables for Selected Industrial Sectors 63
All Manufacturing Industries 65
    Chicago Metropolitan area 68
    New York City Metropolitan area 71
    Southern California 74
    Washington D.C. Metropolitan area 75
  Chemicals, Drugs & Plastics 80
  Electrical & Electronics (Including Computers) 83
    Electrical Machinery 86
    Electronic Equipment 89
  Fabricated Metal Products 92
  Non-Electrical Machinery 95
  Paper Products 96
  Petroleum 99
  Precision Instruments 102
  Rubber & Plastic 105
  Transportation Equipment/Aerospace 107
    Aerospace 110
    Transportation Equipment 113
  Other Durable Goods Manufacturing 116
All Non-Manufacturing Industries 119
    Chicago Metropolitan area 122
    New York City Metropolitan area 125
    San Francisco Bay area 128
    Southern California 131
    Washington D.C. Metropolitan area 134
  Communication Services 137
  Consulting & Engineering Services 140
    Consulting 143
    Engineering Services 146
    Environmental Services 149
    Software Engineering 152
  Electric & Gas Utilities 154
    Electric Utilities (Including Mixed Electric/Gas) 157
    Gas Utilities (Largely Pipelines) 160
  Research & Development Organizations 162
  Other Non-Manufacturing 165

Curves and Tables for Government 167
  Federal Agencies 169
  State Agencies 172

Appendices:

1994 EWC Industry Salary Survey Participants, by Industrial Sector
1994 EWC Salary Survey Participants: Government Agencies
1994 EWC Salary Survey Questionnaires
Formatted Chart for Plotting Additional Maturity Curves

PROFESSIONAL INCOME OF ENGINEERS, 1994

INTRODUCTION

This is the 28th Engineering Workforce Commission survey of the compensation of engineers in the United States. As in our previous salary studies, the data were gathered from employers, who submitted summaries of the base compensation of their engineers, classified by levels of experience, supervisory responsibility, and academic preparation. By classifying the participating organizations, the survey also provides comparisons of salaries among differing industrial sectors, geographic regions, and sizes of employers.

EWC salary surveys do not provide data on variations among the various engineering disciplines, such as differences in median pay among civil, electrical, and mechanical engineers. Obtaining these details would raise the burden that the survey places on its participants to unacceptable levels. It would also raise complex problems of classification, because the labels that are applied to engineering education programs do not always accurately describe the graduates' subsequent work. Where a degree of correspondence exists between particular engineering disciplines and employment sectors, EWC's data can provide some clues about the salaries that may be associated with different kinds of engineering training. For example, although this report does not report salaries for chemical engineers *per se*, it does report salaries paid to engineers of all kinds by the chemicals industry. But for disciplines like mechanical engineering (whose graduates may be found in virtually every sort of technical workplace), or for a sector like the federal government (which hires all types of engineers), these linkages between training and subsequent employment do not apply.

The data reflect base salaries as of February 1, 1994. Responding organizations were instructed to exclude all irregular forms of compensation, such as one-time bonuses, overtime payments, stock options, etc. (however, since 1989 EWC has collected information on the *proportion* of engineers who receive special incentive compensation; see below). Data were requested for all full-time engineering graduates, including those in nontechnical or managerial positions.

Salaries are presented in the form of statistical tabulations, with details for upper and lower deciles, upper and lower quartiles, medians, and means (all of these terms are explicitly defined below). These data are spread across 18 levels of experience, based on the number of years since attainment of the bachelor's degree (age is used to estimate experience in cases where data on the year of graduation is not available). In addition, summaries of these statistics across all levels of experience are included. Both raw salary statistics and smoothed-curve estimates across the experience levels are reported. Graphed maturity curves based on the smoothed results are provided for all tabulations except those with details for engineers with particular kinds of degrees (bachelor's, master's or doctorate).

As in other recent years, production of EWC's salary surveys has been considerably accelerated to enable issuing these reports by July of the applicable year, enhancing their value for compensation planning and other purposes. The number of engineers in industry represented by the data declined slightly to 100,278. The number of participating organizations also dropped slightly to 236. This decline in responses was due mostly to cut backs in Human Resources staff which hindered firms participation in the survey.

In 1993 EWC introduced metropolitan area regional data. Again in 1994 curves are provided for industries in the New York City metropolitan area; Washington, D.C. metropolitan area; Chicago metropolitan area; Southern California; and the San Francisco Bay area. In addition salary curves have been generated for selected industrial sectors in each of these regions, as long as the project's usual minimum standards for the formation of reportable groups could be met.

The Metropolitan regions were determined using U.S. Postal Service zip codes. The New York City Metropolitan area was defined by zip codes ranging from 10000 to 11999 (New York City), 07000 to 07999 (Northern New Jersey), and 06800 to 06999 (Southern Connecticut). The Washington D.C. Metropolitan area was defined by the zip codes 20000 to 20999 (the District of Columbia and surrounding Maryland counties) and 22000 to 22399 (Northern Virginia). Metropolitan Chicago consists of zip codes ranging from 60000 to 60799 (Chicago & Northern Illinois) and 46300 to 46499 (Northwest Indiana). The Southern California region was made up of zip codes ranging from 90000 to 93199. This area includes both Los Angeles and San Diego. The San Francisco Bay area includes all zip codes between 94000 and 95199.

The Engineering Workforce Commission has been engaged in studies of engineering compensation for over 40 years. EWC's salary reports began in 1953 with

Professional Income of Engineers, which continues today as an abridged version of the *Special Industry Report* (it does not show details for those with B.S., M.S., or Ph.D degrees). The *Special Industry Report* began to appear in 1966. Originally, EWC's salary surveys were done every three years, then every two years; beginning in 1980, they began to be issued annually. EWC also conducts biennial surveys of the compensation of engineering educators; such a study was conducted this year (*Salaries of Engineers in Education, 1994).* In addition to these detailed statistical volumes, a summary of the results of this survey, with special data on trends over time, is available in "Engineering Salaries, 1994," issue number 135 (July, 1994) of the *Engineering Workforce Bulletin*. On request, EWC also provides custom tabulations of its salary data base, such as frequency distributions of the data across salary brackets or reports on other groupings of the participating organizations. For prices and information on orders, see the inside back cover of this report.

The goal of EWC's salary studies is to determine current levels of compensation for engineers and to report on trends over time. EWC does not evaluate individual salary situations, nor does it advise employers on rates that should be paid for specific positions. Indeed, our own data demonstrate that for any specific combination of employment sector, supervisory responsibilities, education, and experience, variations between the top and bottom salaries reported for the position (as measured by high and low deciles) are likely to be as great as the distinctions introduced by differences in any of the other factors. In short, variations in engineering pay within specific matched positions can be as large as variations between positions, even when the latter distinctions entail substantial differences in employment sectors, education, responsibility, or experience. On the whole, individual salaries are influenced by many considerations, including the economic conditions of particular industries and firms, and the skill, performance, and negotiating ability of particular people.

SURVEY METHODOLOGY

Questionnaires were mailed in January, 1994 to EWC's national list of engineering employers. This listing is updated every year, using *Peterson's Guide to Engineering, Science, and Computer Jobs* (Princeton: Peterson's Guides, published annually), industry and trade directories, employment notices, and the Engineering Workforce Commission's internal records of participants in past surveys.

Copies of the survey instruments are provided in the appendices to this report. Usage of EWC's traditional matrix-style survey forms has declined greatly. Most smaller organizations—those with 50 or fewer engineers—now use our alternative "short form" questionnaires, first introduced in 1987, which provide a more convenient way to report their data. Most larger organizations are now providing their information in the form of simple ASCII text files on floppy disks. In 1994 information on over 64,000 engineers was provided in machine-readable form. We will continue to urge participants, especially the largest ones, to submit their responses this way, as it substantially reduces labor burdens for both the respondents and ourselves, and it helps reduce the effort needed to correct errors from EWC's data entry. We will continue to provide the older matrix-style forms as an alternative for our respondents, however, as long as significant numbers of participants make use of them.

As noted earlier, responses to the survey representing 100,278 engineers were obtained from 236 private sector organizations. In addition, EWC also obtained data on the salaries of 7,857 engineers employed by 19 agencies of federal, state or local governments (salaries for the government engineers are reported only in *Professional Income of Engineers*) and data on the salaries of 13,446 engineers working in 234 Colleges and Universities throughout the United States (See *Salaries of Engineers in Education, 1994*). Further processing of the data included these steps:

1. Preliminary tabulations were run to confirm manual counts of the number of responding organizations and the number of engineers represented by the data for each company and industrial sector. Data provided by participants are reviewed to see if implausibly large numbers of engineers have been reported as inexperienced and highly paid, or very experienced and poorly paid, which could be a sign of errors on the respondent's part in compiling the information. Such problems are rare.

2. Participants were assigned to sectors on the basis of their responses to an item on the survey forms that asked each organization to indicate how it should be classified based on the Federal Government's *Standard Industrial Classification Manual*. Many participants were classed in two or more sectors (see the appended list of responding organizations for details). Final sectoral groups were formed only if at least five responding organizations and at least 200 engineers were represented. Participants who did not fall into a conventional industry category, or whose preferred sectors could not be formed, were grouped into one of two residual categories: other durable goods manufacturers or other non-manufacturers. See the table "Distribution of Responses, 1994" (on page viii), for a list of the final sectors. In addition, the organizations included in each sector are identified in the appendices.

3. Within sectors, no one responding organization was permitted to account for more than one-half (50 percent) of the data points—number of engineering salaries—reported for the sector. Weighting was used to carry out these adjustments, which have the effect of limiting the influence of any single organization on the results of the survey. In most cases, the actual effects of these adjustments were negligible, because weighted organizations only rarely vary greatly from others in the same sector in their salary practices.

4. Within sectors, further divisions of the data to isolate such subgroups as supervisors, engineers with master's degrees, etc., can have the effect of reducing the size of data pools below the 200-case minimal standard. In such cases, no salary statistics were generated.

5. Across sectors, in estimates of combined-industry salaries for such groups as all manufacturers, the data were weighted again to bring the sector-by-sector distribution of engineers into line with the actual distribution of engineers in the work force. As in other EWC salary surveys, the basis for this second set of weights is the U.S. Bureau of Labor Statistics' industry-occupation matrix. The matrix is a computer-based model maintained by the Office of Economic Growth at BLS, and accounted for some 1.32 million employed engineers as of 1992. The table (on page viii) on the distribution of responses in 1994 includes the BLS data for the numbers of engineers in the several sectors. Also, weights for the "All Industries" summary are reported. It is apparent that EWC's data base, which is not a random sample, roughly parallels the actual engineering labor force in its distribution among the major types of industries. The unweighted data tend to overrepresent the chemical, petroleum, transportation equipment, communications, research, and utility sectors, and to underrepresent the non-electric machinery, precision instruments, rubber & plastic, and other non-manufacturing sectors; weights reduce these biases as well as a number of less prominent differences between EWC's data base and the distribution of engineers, as estimated by BLS, in the U.S. industrial economy. We believe that at least some of these distinctions are artifacts caused by differences between BLS and industry in approaches to sectoral classification. For example, BLS continues to include substantial numbers of engineers in a precision instruments group, but we suspect these employers tend to think of themselves as electronics manufacturers.

6. The raw medians, quartiles and other percentiles were developed by straight-line interpolation within salary brackets, rounded to the nearest $50. The median, or 50th percentile, provides an illustration. The median for any ranked distribution is that value that divides the data in half, with 50 percent of the cases above it and 50 percent below. For example, if there are 249 engineers with a given level of experience in a sector, the median salary for this level of experience is the value of the 125th data point. EWC's data are grouped into salary brackets, so calculation requires one to determine which group of salaries contains this median point. Interpolation then yields the final raw result; continuing the example, if the 125th point happens to be the 20th case in the $36,000-$37,999 bracket, and if there are 39 cases in this bracket, then the median value is $37,000. Calculation of the deciles and quartiles is similar, except that in those cases the statistics cut the data into quarters or tenths.

7. Statistics for deciles, quartiles, medians, and means were not computed if the number of data points for those with a given level of experience (years since obtaining the B.S. degree) was either ten or less, or less than one percent of all the cases in the data set; if the data were for supervisors with less than four years of experience; if the data were for engineers with master's degrees and less than two years' experience; or if the data were for engineers with doctoral degrees and less than five years' experience.

CURVE SMOOTHING

As in the past, EWC's final salary statistics were generated from raw results using four-parameter smooth curves computed by the least squares method. Raw statistics were converted, using data across all levels of experience, into curves of the form

$$y = ax^z + bx + c$$

where y = the reciprocal of the salary and x = (43 minus the number of years since the first degree). The computational algorithm yields values for the parameters a, b, c and z which minimize the sum of the squares of the differences between the raw and smooth values of y. The squared differences are weighted by the number of cases associated with each set of data points. Transformed values are used to improve the precision of the computation.

This approach to curve smoothing was adapted by Richard C. Fremon (a former chairman of the Commission and presently an emeritus member) from similar routines he developed for salary curve smoothing at AT&T's Bell Laboratories in the 1960's, and has been used by EWC since 1967. In programming the routines for EWC's computing systems, new wrinkles have been added. Improved handling of values used for beginning and ending salary brackets—in 1994, for salaries of more than $125,000 or less than $22,000 per annum—eliminated difficulties experienced in the past when top salaries for some of the most highly paid engineers, such as senior supervisors in the petroleum industry, tended to be artificially depressed. Also, graphing routines were adjusted so that plotted curves accurately reflect the actual value assumed for the top experience bracket (39 years).

A more fundamental adjustment has been EWC's increasing allowance for the fact that more than one "minimal" sum of squares can be computed for most of these salary data, depending on what values are assumed at the beginning of the process. EWC's traditional program iterated the computations until the sum of the squared differences began to rise; at that point the process ended and the previous results became our published values. In some distributions of the data (for example, when the statistics were dominated by a pair of companies with very dissimilar salary scales) this approach could yield unsatisfactory results. In the more common curve smoothing exercises employed by many corporations to examine compensation practices, such problems can be handled through trial-and-error tests until a satisfactory outcome is reached. That sort of solution is less feasible for EWC, both because of the volume of curves the project generates, and because highly consistent methods are needed to provide a degree of comparability among different results in any one year, as well as among results over time, from one year to the next.

To provide improved results while still adhering to predictable methods, the curve-smoothing program was adjusted in 1987 to test the value of the exponent z, which had been set to begin at 1.0, incrementing until the sums of squares no longer diminished (increments of both 0.1 and 0.2 have been tried; we currently use 0.2 as no improvements can be observed using the smaller and more time-consuming value). When this process was completed for any given set of data, z was inspected to determine if it had only reached a relatively small value (2.0 out of a possible top value, set arbitrarily, of 15.0). If not, the process was automatically restarted, running a second time after re-initializing z to the higher starting value of 2.0.

This change resulted, in almost every case, in the generation of a *pair* of curves—which is to say that EWC's original approach almost always yielded a solution before z had reached a very large value. Restarting the procedure provided a second possible solution and a second set of smooth curves, which provided a good fit to the original data (that is, the curves should not grossly distort the raw results). The final curves were selected by choosing the version that came closest to the raw data for the starting (less than one year), ten, and 25-year experience brackets (in some cases, adjacent brackets were used to compare the pair of curves, because of obvious sampling problems in the raw data). EWC also computed curves with even higher initialization values of z, for a few cases where continuation of this iterative process resulted in more satisfactory outcomes. By 1990, over 95 percent of the curves depicted in these reports were derived by iterations that were initialized at $z = 2.0$, and many of the remaining curves were initialized at still higher values.

Note that these procedures only limited the starting points for the curve-smoothing computations; the actual results were generated by whatever value z had reached before the sum of squares began to increase, a value that varied from one curve to the next. In practice, the following outcomes were observed. EWC's traditional (pre-1987) curves, which did not provide for the use of starting values of z that were greater than 1.0 and which usually resulted from iterations that ended before z had reached a value of 2.0, tended to be "peaky". Often these curves did not seem to move down enough at the early (beginning) salary levels. The alternative curves, which were computed using higher starting values for z, behaved differently. Usually they conformed more closely to the raw statistics for salaries of new engineers, at least when data were not limited to those with advanced degrees or supervisory responsibilities. These curves flattened out when they reached the higher experience brackets; in most cases, this also improved the fit of the curves to the raw data.

In 1987 EWC also began to present raw salary results as well as the z-values and smooth-curve estimates, doubling the amount of information provided by these surveys and enabling more sophisticated interpretations of the statistics. This change has allowed EWC to make distinctions between *factual outcomes for the companies participating in a survey*, which is what the raw statistics are, and *best estimates of the underlying general trends.*

These computations, however, are very sensitive to variations in the distribution of a set of engineers across experience brackets, and the curves for supervisors or engineers with M.S. or Ph.D degrees have tended in the past to overestimate rates of compensation for the more recent entrants to the profession.

In 1991, another series of adjustments were implemented to deal with these remaining issues. First, since over 95 percent of our maturity curves were being generated with the higher initialization value of z, we dropped the routine generation of two possible results (pairs of curves). Instead, we adopted a standard default initialization value of 2.0. This permitted significant reductions in the time required to do the computational phase of the project. The results are still inspected for suitability, and alternative initialization values are employed if needed. Second, the actual values of z that apply to each finished smoothed maturity curve were captured and displayed as part of the statistics. Note again that these are *final values*, not the *initialization values* discussed above.

Third, to treat the problem of exaggerated compensation estimates for the less experienced people in curves that deal with supervisors or engineers with advanced degrees, we adopted the use of anchor points. In our implementation of this concept, raw salary values are saved for engineers with the least post-baccalaureate experience: non-supervisors who have graduated within the past twelve months with only a B.S. degree. For curve-smoothing purposes, those values are then used in place of the original statistics for engineers with less than one year's experience, for all combinations of supervisor/non-supervisor status and degree level. A dummy value is computed for the number of data points associated with these anchoring statistics, by applying the proportion of engineers with less than one year's experience in the non-supervisory B.S. group to the other data sets. Once smoothed values are computed, the original raw data for engineers with less than one year of experience are restored, so the procedure does not wipe out any information. For sectors where a non-supervisory B.S. group could not be formed no anchor points were used for the data.

The effect of this change is to "anchor" curves to actual starting salaries, thus lowering estimates for engineers with less experience, especially for data sets for supervisors or holders of advanced degrees. Long-time users of these reports will need to allow for this change when they compare EWC's results for 1991 through 1994 with statistics from our earlier reports. We believe the adjustment significantly improves the accuracy of maturity curves, which are widely used as a means to assess the compensation of engineers.

These refinements continued in 1994. To exercise still more control over the crucial parameter z, our software has been modified to support custom specifications of both the initialization and upper limit values of this variable, allowing repeated trials to find a solution yielding the closest possible smoothed-curve to the raw results. Additional improvements are planned.

PRESENTATION OF RESULTS

Curves and tables in this report are arranged in a hierarchy, starting with the broadest grouping ("All Industries") and then working through specific sectors, to the extent permitted by the data and the rules and conventions discussed above.

The "All Industries" data are extensive, and include details for supervisors, non-supervisors, and variations by size of employer and region of the nation. Next, data are presented for "All Manufacturing Industries," and for the industrial sectors that are in that group. The report concludes with a similar section for "All Non-Manufacturing Industries."

When detailed metropolitan area breakdowns have been produced they are included with the appropriate sectoral group.

The table of contents for this report can assist users in locating comparative data of interest. The specific participating organizations in each sector are identified in the appendices, so that users can better judge the applicability of the information given for a particular sector to their own situations.

The tabulations accompanying the curves include mean salaries (not plotted) and the distribution of the cases among the various experience brackets. The tables also list the numbers of cases falling in the extreme salary brackets (for industry data in 1994, less than $22,000 or more than $125,000). The tabulations also provide summary data for salaries across all experience brackets. Such broad statistics are unlikely to be applicable to specific engineers, but they are useful in assessing differences among groups. Since these data are now routinely provided in the tables, the brief discussion of overall salary outcomes that was once included in these introductions has been dropped from this text.

Data provided by participants in EWC salary surveys are confidential. Only aggregates are presented. Only EWC staff have access to completed forms. Forms do not identify salaries of particular persons.

DEFINITIONS

1. Industrial Sectors and Combined Groupings:

All Industries includes all participating organizations, except agencies of local, state or federal government, in the 1994 EWC salary survey

All Manufacturing includes the following industrial sectors: aerospace; chemicals; electric, electronic, and computing equipment; fabricated metal products; non-electric machinery; paper products; petroleum; precision instruments; rubber & plastic; transportation equipment; and other durable goods manufacturers.

Electric, Electronic and Computing Equipment is a summary grouping; in addition, separate reports are provided for manufacturers of electrical machinery and electronic equipment.

Transportation Equipment is a summary grouping which includes aerospace, automotive, and shipbuilding manufacturers; A separate report is provided for the aerospace industry.

Other Durable Goods Manufacturing is a residual sector. It includes organizations who judged that their businesses did not fit into any of the more traditional industrial sector categories; it also includes additional organizations whose preferred sectors could not be formed due to a lack of a sufficient number of responding employers, data points, or both. "Durable Goods" are those with a normal usable life of at least three years.

Non-Manufacturing Industries is a summary group that includes communication services and utilities, construction, consulting and engineering services along with software engineering, electric and gas utilities, research organizations, and a miscellaneous residual group of "other" non-manufacturing organizations (see below).

Consulting and Engineering Services is a summary group; reports are provided on both components, and also on sub-groups of environmental consulting and software engineering organizations.

Electric and Gas Utilities is a summary group; separate reports are also provided for electrical utilities (which include combined electric and gas utilities), and for gas utilities (principally pipeline companies).

Other Non-Manufacturing is a residual group for non-manufacturing participants whose preferred classifications could not be formed, due to lack of sufficient data. In 1994, the group includes companies or organizations in business/trade/publishing, and professional societies; insurance companies account for the majority of these cases.

Large Industrial Employers have 5,000 or more employees; *Medium Industrial Employers* have between 500 and 4,999 employees; *Small Industrial Employers* have less than 500 employees.

A list of the regional classifications used in this report is included at the beginning of the tabulations by region.

2. Chart Data (a facsimile chart is provided in the appendices for readers wishing to plot their own data):

The *median* is the point in a ranked array that is the midpoint of the series: the 50th percentile. *Quartiles* are points in ranked arrays that divide the series into quarters. The lower quartile is the 25th percentile; the upper quartile is the 75th percentile. *Deciles* are points in ranked arrays that divide the series into tenths. The lower decile is the 10th percentile; the upper decile is the 90th percentile.

Mean: sum of the values of the data, divided by the number of cases (data points). Provided as a convenience, but rarely used in analyses of income data, because means are sensitive to extreme values, while medians are not.

Supervisors: those "whose duties are primarily managerial or supervisory," whether or not they currently work in engineering positions. Some participating organizations indicate that they do not report salaries of top managers. Precise definitions of "supervisor" vary from one organization to the next.

Years Since Baccalaureate Degree: a measure of experience. In 1994, an engineer with zero years of experience received the bachelors' degree in 1993 or the first quarter of 1994. Engineers with more experience may have been working or may have been pursuing advanced degrees.

3. Data on Bonuses and Other Forms of Special Compensation:

One-time special payments have become a more common component of engineering pay. EWC has traditionally tracked base salaries only. Since 1989, however, EWC's survey has included a special question to estimate the percentage of supervisors and non-supervisors who received additional special compensation, in recognition of the trend toward increased use of bonuses. The item applies to the previous year (1993, for the 1994 survey); the question is necessarily retrospective, since 1994 bonuses would not have been paid at the time of the study. Results for this item are reported in the table on the following page. Data for this item from EWC's previous compensation surveys are also included.

PERCENTAGES OF ENGINEERS WHO RECEIVED BONUSES OR OTHER FORMS OF SPECIAL INCENTIVE COMPENSATION, 1991 through 1993:

	Supervisors:			Non-Supervisors:			All Engineers:		
Industry Group:	1991	1992	1993	1991	1992	1993	1991	1992	1993
All Industries	40.4%	41.0%	28.0%	53.9%	46.4%	35.0%	50.2%	45.2%	33.5%
All Manufacturing	40.7	36.9	9.1	52.5	42.0	15.7	49.1	40.8	14.2
Chemicals/Drugs/Plastics	20.7	71.7	1.4	41.1	39.6	0.5	30.8	46.7	0.7
Electrical/Electronics/Computers	20.5	39.4	31.3	53.8	58.2	40.0	47.2	55.2	38.7
Electrical Machinery	93.3	76.6	18.4	80.2	55.1	10.6	84.0	60.5	12.6
Electronic Equipment	12.6	42.3	29.2	55.2	62.9	39.5	47.4	59.9	38.3
Computing Systems	13.1	8.4	-	3.1	4.5	-	6.2	5.4	-
Fabricated Metal Products	1.3	3.7	87.1	4.0	10.6	52.6	2.3	7.0	57.2
Non-Electric Machinery	20.7	32.2	25.1	41.1	5.6	11.5	30.8	13.7	16.7
Paper Products*	-	-	24.3	-	-	1.0	-	-	5.2
Petroleum	1.4	2.4	9.4	0.6	1.3	1.8	1.0	1.4	2.8
Precision Instruments*	-	35.7	22.4	-	15.4	26.9	-	22.5	25.5
Rubber & Plastic*	-	45.6	48.0	-	60.4	65.2	-	56.2	60.4
Transportation Equipment*	69.0	3.6	0.1	58.8	3.2	0.0	61.3	3.3	0.1
Aerospace	4.0	5.3	1.3	2.0	7.5	0.2	11.0	6.8	0.3
Other Durable Goods	10.3	12.3	20.3	6.8	3.7	6.3	7.4	5.6	10.1
Other Nondurable Goods	22.6	73.4	-	7.1	50.1	-	10.3	58.0	-
All Non-Manufacturing	37.9	42.4	56.0	50.4	47.2	57.4	47.4	46.6	57.1
Communication Services	30.9	5.7	18.9	-	12.0	8.7	15.1	10.8	9.5
Construction	0.5	1.2	-	8.0	0.4	-	16.7	0.7	-
Consulting/Engineering Services	8.5	28.1	28.2	10.7	22.4	4.3	10.1	23.8	10.9
Consulting	8.7	31.7	43.3	17.6	36.4	7.9	14.6	35.0	19.5
Engineering Services	4.3	16.9	13.7	3.4	22.9	2.6	3.6	22.0	5.3
Environmental Services*	44.0	19.9	15.6	17.1	16.3	4.9	23.0	17.6	7.6
Software Engineering*	-	-	22.7	-	-	7.4	-	-	10.0
Electric/Gas Utilities	35.8	33.8	58.4	24.9	26.4	53.5	28.5	28.6	54.9
Electric Utilities	34.3	34.4	59.7	26.1	27.6	55.9	28.8	30.0	56.9
Gas Utilities	76.0	18.0	41.0	2.6	1.2	17.1	22.0	7.0	24.7
Research Organizations	69.4	64.4	76.5	80.2	72.9	83.7	78.4	71.4	82.6
Other Non-Manufacturers	32.5	41.8	47.9	4.9	0.6	10.7	11.1	1.7	24.3

*NOTES: This item was included for the first time in EWC's 1989 compensation surveys, and more organizations have subsequently responded to it. All calculations exclude companies that did not provide this information. Because some companies are counted in more than one sector, the percentages from one group to another—and from components of summary groups to the summary categories themselves—are not mutually exclusive. No separate sector was formed for precision instruments in 1991 or 1992; no separate sector was formed for rubber & plastic in 1991 or 1992. Paper product manufacturers were included for the first time in 1994. Software engineering was included for the first time in 1994.

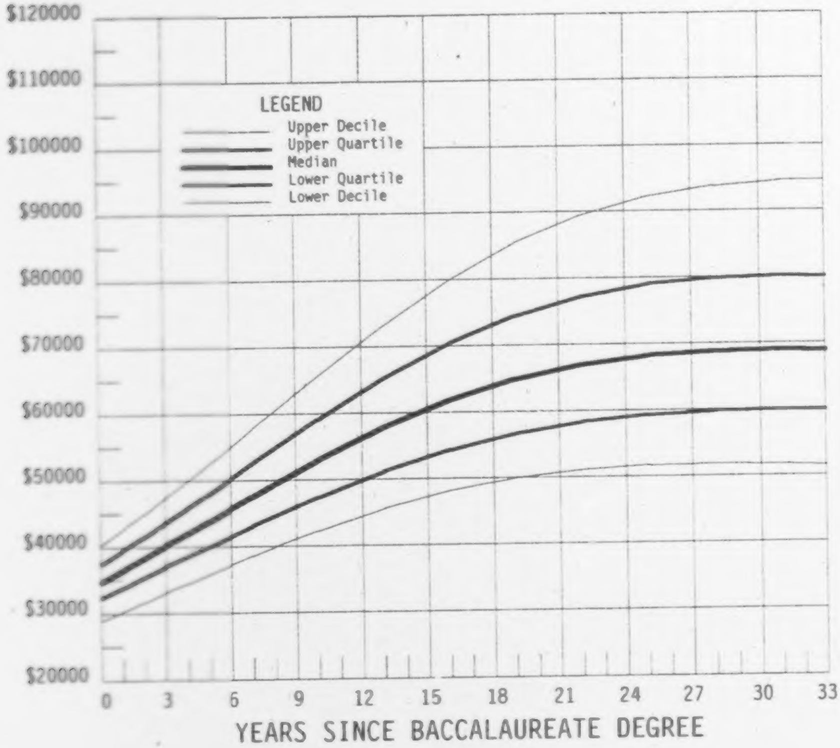
DISTRIBUTION OF RESPONSES, 1994

	Distribution, counting multiple assignments of establishments to more than one sector		Distribution, counting each establishment in its primary sector only		Weighting, based on primary-only assignments	
Industry Group:	Participating Organizations:	Engineers Represented:	Participating Organizations:	Engineers Represented:	All Employed Engineers (BLS Data for 1992):	Sector Weight:
All Industries	236	100,278	236	100,278	1,134,901	N/App
All Manufacturing	113	85,748	107	56,955	659,001	N/App
Chemicals/Drugs/Plastics	11	11,902	9	9,518	45,556	0.422909
Electrical/Electronics/Computers	33	16,206	23	9,855	143,867	1.289888
Electrical Machinery	10	1,690	6	308	-	-
Electronic Equipment	25	15,827	17	9,547	-	-
Fabricated Metal Products	15	3,277	11	1,877	23,607	1.111281
Non-Electric Machinery	15	209	8	91	60,925	59.15641
Paper Products	5	1,361	5	1,361	11,102	0.720760
Petroleum	6	3,169	4	2,592	27,663	0.943000
Precision Instruments	9	2,154	6	103	96,273	82.58762
Rubber & Plastic	7	339	4	215	12,923	5.310954
Transportation Equipment	16	28,223	13	28,149	190,754	0.598767
Aerospace	9	6,815	8	6,750	-	-
Other Durable Goods	25	4,377	24	3,197	46,331	1.281694
All Non-Manufacturing	132	43,357	129	43,323	475,900	N/App
Communication Services	6	3,290	5	3,172	27,656	0.770378
Consulting/Engrg Services	69	12,299	58	11,815	210,944	1.577542
Consulting	50	7,685	39	7,195	-	-
Engineering Services	27	6,129	13	3,783	-	-
Environmental Services	15	3,123	3	256	-	-
Software Engineering	9	834	3	581	-	-
Electric/Gas Utilities	30	7,464	29	7,453	27,530	0.326379
Electric Utilities	23	7,031	23	7,031	-	-
Gas Utilities	7	433	6	422	-	-
Research Organizations	30	20,778	27	20,651	58,494	0.250275
Other Non-Manufacturing	10	232	10	232	151,276	59.40535

NOTES: totals in specific tables may not exactly match these numbers, due to rounding in the weighting process. Additional weights, not depicted here, were used for the "All Manufacturing" and "All Non-Manufacturing" groups. Data for engineers in government are not used in this table; those figures add 189,923 engineers to the BLS work force estimates. In general, statistics from the current (1992) BLS Industry-and-Occupation Matrix have been regrouped here, to accomodate EWC's broader sectoral definitions.

CURVES AND TABLES FOR ALL INDUSTRIES

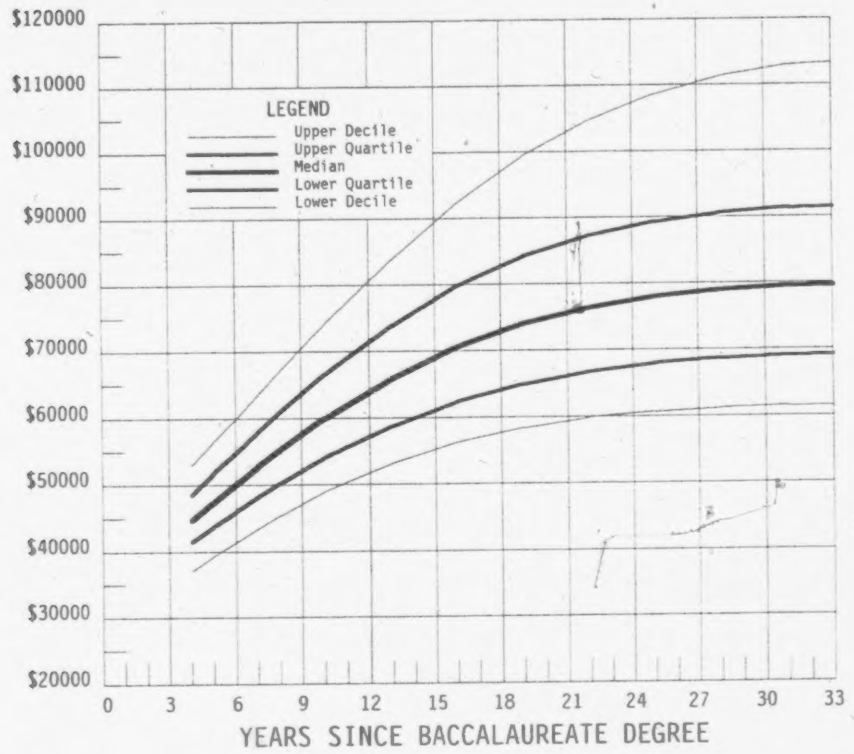
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRY
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL INDUSTRY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40300	42600	44950	47400	49900	52450	55050	57700	60350	65600	73150	79850	85350	89400	92150	93750	94500	94650	80000	2.2
Upper Quartile	37350	39400	41500	43600	45800	48000	50250	52500	54750	59100	65200	70350	74400	77200	78950	79800	80050	79600	67850	2.2
Median	34700	36450	38250	40100	41950	43800	45700	47550	49350	52900	57750	61750	64850	66950	68200	68800	68950	68550	56600	2.2
Lower Quartile	32350	33850	35400	36900	38450	40000	41550	43050	44500	47350	51150	54300	56650	58250	59250	59750	59900	59650	46400	2.2
Lower Decile	28950	30300	31700	33100	34450	35850	37200	38550	39850	42300	45550	48150	49950	51100	51700	51850	51750	51250	39100	2.2
Mean	34850	36650	38500	40350	42300	44200	46150	48100	50000	53750	58950	63350	66800	69250	70800	71650	71950	71800	58850	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39850	43500	45700	47200	49700	52150	54150	59950	61850	65200	74100	78850	83100	90200	90700	93150	97650	95450	80000	
Upper Quartile	36300	40300	42450	43600	46100	47700	50150	54200	55550	59050	65700	69650	71950	76200	79600	79200	84450	79650	67850	
Median	33750	36200	39200	40800	42500	43900	44750	48550	50750	52300	58200	61900	63300	66150	68200	68500	72100	68500	56600	
Lower Quartile	32300	32700	36250	36800	38900	40250	40150	43150	45850	47500	51400	54600	54900	57050	59450	61550	61650	59050	46400	
Lower Decile	27750	30500	32350	34300	35600	37250	33800	39550	41650	42100	45600	48350	48350	49400	51900	54700	54100	50300	39100	
Mean	34250	36750	39350	40700	42800	44450	45100	49200	51200	53350	59150	63000	65100	69350	71050	72000	74750	71250	58850	
Supporting Data																				
Total Number	2023	1783	2620	3225	3170	3816	3427	3773	3890	12798	11060	8487	8022	7866	7197	5869	3966	7286	100278	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	5	27	184	113	52	57	118	558	
Less Than $22000	65	5	1	5	0	0	2	0	2	59	0	1	5	0	0	0	1	0	147	

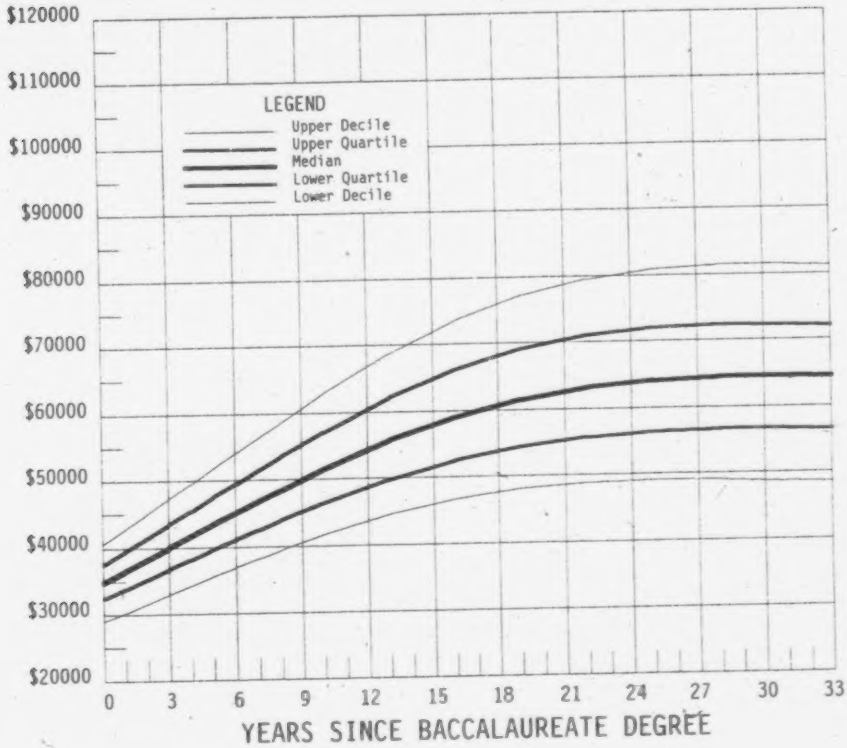
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRY SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	52900	56400	59950	63500	67050	74000	83800	92300	99300	104700	108600	111300	112950	114350	98550	3.6
Upper Quartile	0	0	0	0	48500	51650	54750	57850	60850	66450	73850	79750	84100	87250	89300	90600	91350	91900	82600	4.0
Median	0	0	0	0	44650	47350	50050	52650	55200	59900	65900	70600	74050	76400	78000	78950	79500	79900	70400	4.0
Lower Quartile	0	0	0	0	41450	43750	46000	48150	50200	54000	58750	62350	64950	66800	67950	68700	69100	69400	60650	4.0
Lower Decile	0	0	0	0	37000	39250	41400	43450	45400	48900	53150	56250	58400	59850	60700	61200	61500	61650	50850	4.4
Mean	0	0	0	0	45050	47850	50650	53350	56000	61000	67600	72850	76850	79700	81600	82800	83500	84000	73550	4.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	51950	62200	57700	66750	64750	74950	83000	87200	96200	117200	108200	107050	111800	115700	98550	
Upper Quartile	0	0	0	0	46850	53500	52250	64250	59200	66450	73850	78750	82150	89350	88050	88350	93200	94800	82600	
Median	0	0	0	0	44950	45150	50050	55450	55450	60600	65400	70200	72500	77250	77900	76800	82500	80850	70400	
Lower Quartile	0	0	0	0	40600	42700	44500	50400	51800	52950	59900	63050	64650	67250	66150	67350	70150	71000	60650	
Lower Decile	0	0	0	0	38950	41500	42250	43350	48450	45250	54350	57700	60300	60600	58450	63050	62500	59350	50850	
Mean	0	0	0	0	45600	48800	49750	55900	56400	60200	67650	72150	75750	83050	80600	80850	84250	85050	73550	
Supporting Data																				
Total Number	24	42	135	190	263	477	470	538	537	2424	2556	2437	2467	2682	2832	2240	1668	2274	24257	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	4	27	180	107	43	45	95	500	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SALARY CURVES FOR ENGINEERS IN ALL INDUSTRY NON-SUPERVISORS, ALL DEGREE LEVELS

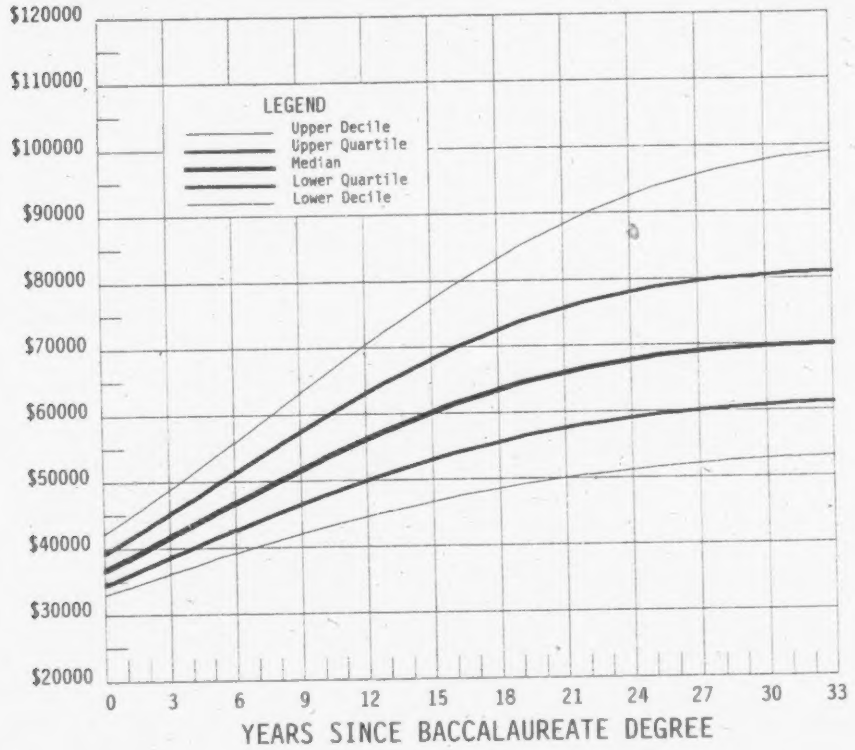


1994 ENCINEERING SALARY STATISTICS: ALL INDUSTRY, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40700	42800	45000	47250	49500	51750	54050	56300	58500	62850	68700	73550	77150	79550	80900	81450	81450	80700	71700	2.2
Upper Quartile	37550	39500	41450	43400	45400	47400	49400	51400	53350	57050	62050	66100	69050	71000	72000	72350	72250	71450	62750	2.2
Median	34900	36550	38250	39950	41650	43350	45050	46750	48350	51500	55650	59000	61500	63150	64050	64450	64500	64050	52800	2.2
Lower Quartile	32400	33850	35300	36750	38200	39650	41100	42450	43850	46400	49750	52450	54400	55700	56400	56650	56650	56250	44050	2.2
Lower Decile	29000	30300	31650	33000	34350	35650	36900	38200	39400	41650	44500	46650	48050	48800	49050	49000	48700	47900	37600	2.2
Mean	35000	36700	38400	40150	41900	43650	45350	47050	48750	51950	56200	59700	62250	63900	64850	65250	65250	64750	54200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39650	43300	45550	46950	49550	51300	53850	58300	61200	62500	70400	71800	74500	76400	80750	82250	84750	82400	71700	
Upper Quartile	36200	40150	42050	43600	45950	47350	49350	52750	54700	56500	62800	65500	66700	70100	72250	72300	74450	72300	62750	
Median	33750	36000	38900	40850	42300	43700	43950	47500	49850	51350	55850	58950	59750	61400	64050	65100	66450	64850	52800	
Lower Quartile	32300	32650	36100	36550	38700	39800	39450	42700	45150	47000	50050	52600	52200	53750	56600	58400	57950	56600	44050	
Lower Decile	27700	30450	32100	34250	35350	36650	33450	38850	41300	41750	44350	46500	47000	47500	47350	52300	52350	47250	37600	
Mean	34050	36500	39050	40450	42500	43850	44350	48050	50350	51750	56600	59300	60350	62250	64900	66550	67850	65000	54200	
Supporting Data																				
Total Number	1999	1741	2485	3035	2908	3339	2958	3235	3352	10375	8504	6049	5555	5185	4365	3628	2298	5012	76021	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	4	7	9	12	23	57	
Less Than $22000	65	5	1	5	0	0	2	0	2	59	0	1	5	0	0	0	1	0	146	

ALL INDUSTRY CURVES AND TABLES, BY SIZE OF EMPLOYERS

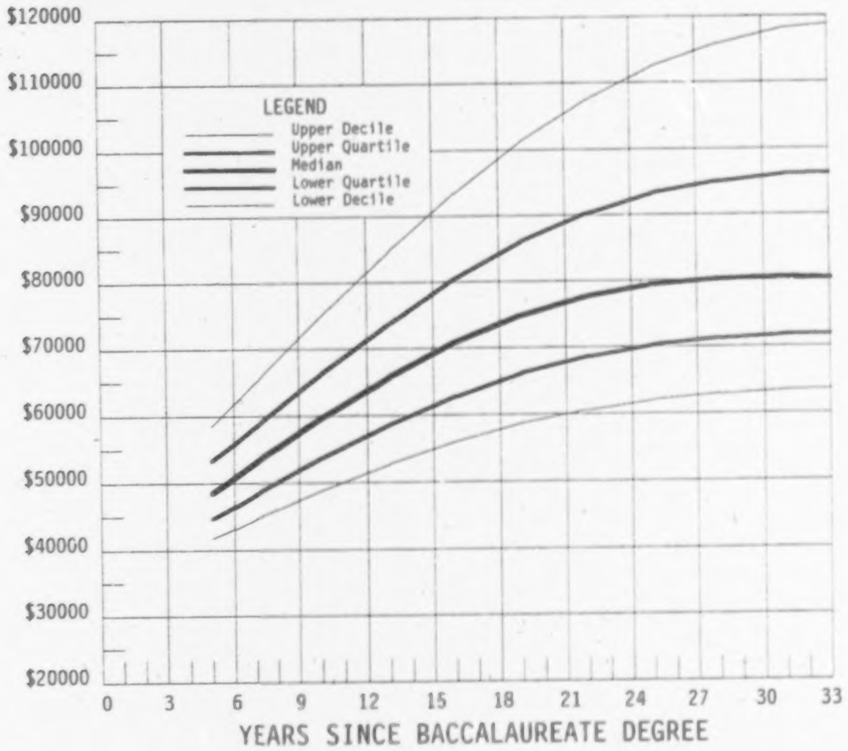
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: LARGE COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	42300	44400	46600	48850	51150	53500	55900	58350	60750	65650	72800	79400	85200	90000	93750	96500	98400	100650	80050	2.2
Upper Quartile	39250	41200	43150	45150	47200	49250	51300	53350	55400	59350	64950	69800	73750	76700	78750	80050	80750	81250	68400	2.2
Median	36650	38300	39950	41650	43350	45050	46750	48400	50050	53250	57650	61450	64450	66700	68300	69300	69850	70250	57250	2.2
Lower Quartile	34500	35850	37250	38600	39950	41300	42650	43950	45250	47750	51150	54050	56400	58200	59500	60400	61000	61550	47400	2.2
Lower Decile	33050	34100	35150	36200	37200	38250	39200	40200	41100	42900	45300	47400	49150	50550	51600	52400	52950	53500	40850	3.2
Mean	37250	38900	40600	42300	44000	45700	47400	49100	50750	54000	58550	62650	66150	68950	71150	72700	73750	74750	59800	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	43800	45600	46550	48150	50000	52900	55400	58650	60850	65900	74250	78750	84450	89450	92250	97400	101500	99850	80050	
Upper Quartile	40250	41800	43550	44650	46200	48700	50700	53300	55200	59650	66250	69550	73200	75250	79000	79750	82350	81100	68400	
Median	37000	38650	40450	41650	42800	44450	46050	48150	50400	53450	58500	61050	63950	66400	68100	69350	71000	69950	57250	
Lower Quartile	34850	35700	37650	38600	39650	41100	41800	43650	45650	47950	51750	53400	56000	57850	60000	60500	62050	61000	47400	
Lower Decile	33300	33150	35550	36500	37250	38100	38700	40150	41300	43050	45450	46850	48750	50550	52450	53100	53650	52250	40850	
Mean	38400	39300	40950	42050	43350	45150	46650	48850	50800	54150	59550	62450	66000	68850	71000	72750	74600	73650	59800	
Supporting Data																				
Total Number	546	789	1201	1525	1703	1813	1628	1924	2300	6644	6126	4885	4270	3995	3763	2935	2287	3293	51626	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	12	29	32	41	38	69	223	
Less Than $22000	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	3	

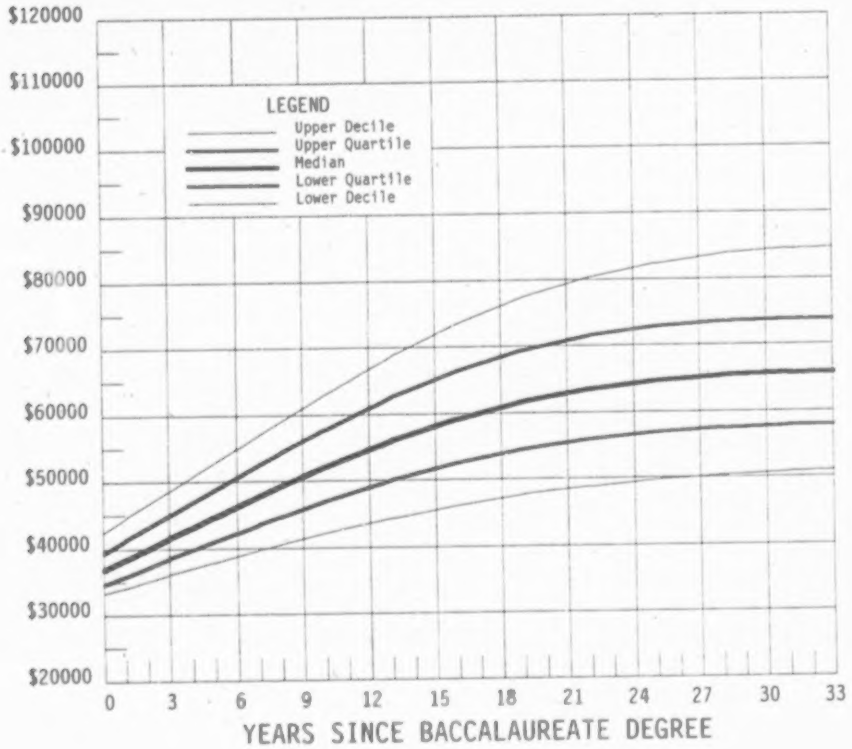
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	58450	61750	65050	68400	75050	84650	93500	101200	107500	112400	115900	118250	120450	104900	3.4
Upper Quartile	0	0	0	0	0	53250	55800	58400	61000	66250	73750	80450	86000	90300	93250	95100	96100	96700	84050	2.2
Median	0	0	0	0	0	48550	50800	53050	55250	59650	65700	70900	74900	77700	79400	80200	80450	80000	72400	2.2
Lower Quartile	0	0	0	0	0	44650	46450	48300	50100	53650	58550	62750	66150	68600	70250	71250	71750	71950	61550	2.2
Lower Decile	0	0	0	0	0	41700	43200	44650	46100	48900	52750	56000	58650	60600	62000	62900	63400	63850	52400	2.2
Mean	0	0	0	0	0	49650	51950	54250	56550	61100	67600	73300	77950	81400	83750	85150	85900	86200	75400	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	60700	63700	66800	67000	73800	84600	93400	101550	111450	111600	115200	117200	118950	104900	
Upper Quartile	0	0	0	0	0	54200	56900	59300	61600	66750	75350	80050	84300	89050	90700	94600	98150	99450	84050	
Median	0	0	0	0	0	49000	51500	54150	54950	60100	66950	70900	73750	76300	78100	79550	81550	82000	72400	
Lower Quartile	0	0	0	0	0	45100	46900	48950	50250	54100	59750	62100	65100	67550	69750	71150	72750	73000	61550	
Lower Decile	0	0	0	0	0	41650	43450	45850	45850	49850	53800	54400	58200	59900	61700	62800	64100	64750	52400	
Mean	0	0	0	0	0	50600	52900	55450	56350	61400	68800	72800	76750	80900	82400	84750	86850	87900	75400	
Supporting Data																				
Total Number	16	32	46	67	101	110	116	160	253	985	1301	1189	1247	1178	1142	963	766	965	10637	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	11	25	26	33	29	52	176	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

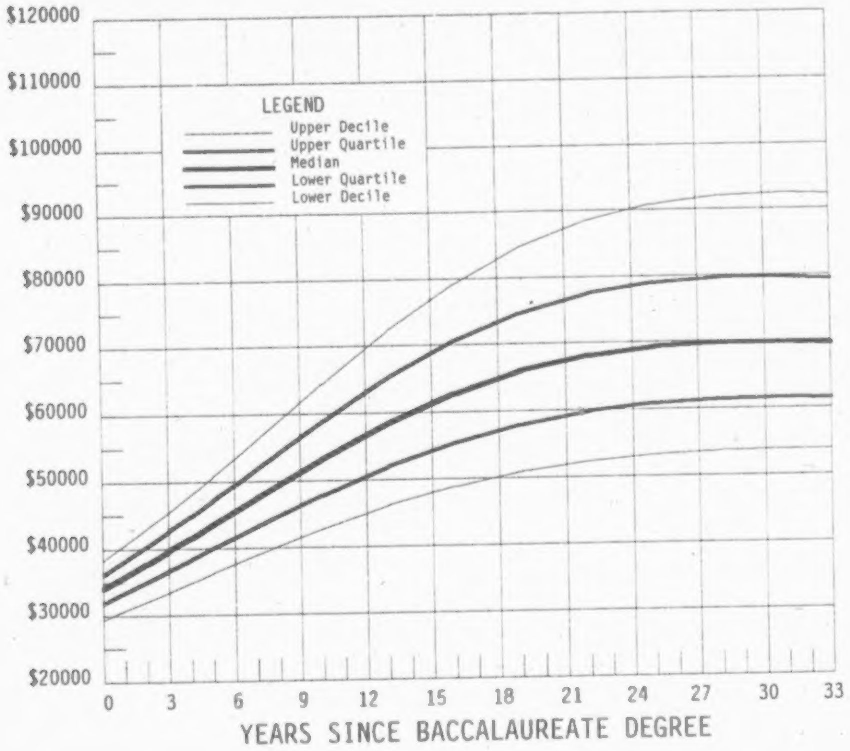
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	42550	44550	46550	48600	50700	52800	54900	57000	59050	63050	68650	73500	77400	80350	82400	83750	84500	85050	72700	2.2
Upper Quartile	39400	41250	43100	44950	46850	48750	50600	52450	54250	57750	62500	66400	69400	71500	72800	73500	73750	73600	63800	2.2
Median	36850	38400	39950	41550	43100	44700	46250	47750	49250	52100	55950	59200	61700	63500	64650	65350	65750	65850	54200	2.2
Lower Quartile	34600	35900	37200	38500	39800	41050	42300	43500	44700	46950	50000	52500	54450	55900	56850	57500	57800	58100	45450	2.2
Lower Decile	33250	34200	35150	36100	37050	37950	38850	39750	40550	42200	44350	46150	47650	48800	49700	50350	50800	51300	39750	2.2
Mean	37400	38950	40500	42050	43600	45150	46700	48200	49700	52550	56450	59750	62400	64400	65850	66750	67300	67800	55800	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	43200	45150	46200	47750	49700	52450	54750	57750	59600	63750	70150	72450	75600	77300	82800	84200	86250	86350	72700	
Upper Quartile	39950	41550	43350	44450	46000	48300	50100	52650	54550	58350	63300	65750	68300	71050	72650	72900	74700	74250	63800	
Median	36900	38450	40300	41550	42650	44200	45650	47650	49900	52500	56600	58700	60750	63000	64450	65300	66850	66150	54200	
Lower Quartile	34800	35550	37550	38500	39550	40900	41550	43300	45250	47200	50550	51850	53850	55350	57350	57600	58700	57850	45450	
Lower Decile	33300	33050	35450	36450	37150	38000	38550	39850	40950	42350	44300	45600	47200	48250	50500	51300	51650	50550	39750	
Mean	37850	38950	40650	41800	43100	44800	46200	48250	50150	52900	57050	59100	61550	63850	66050	66900	68450	67750	55800	
Supporting Data																				
Total Number	530	757	1155	1458	1601	1702	1512	1764	2047	5659	4825	3696	3023	2817	2622	1972	1521	2329	40990	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	4	6	8	10	17	47	
Less Than $22000	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	3	

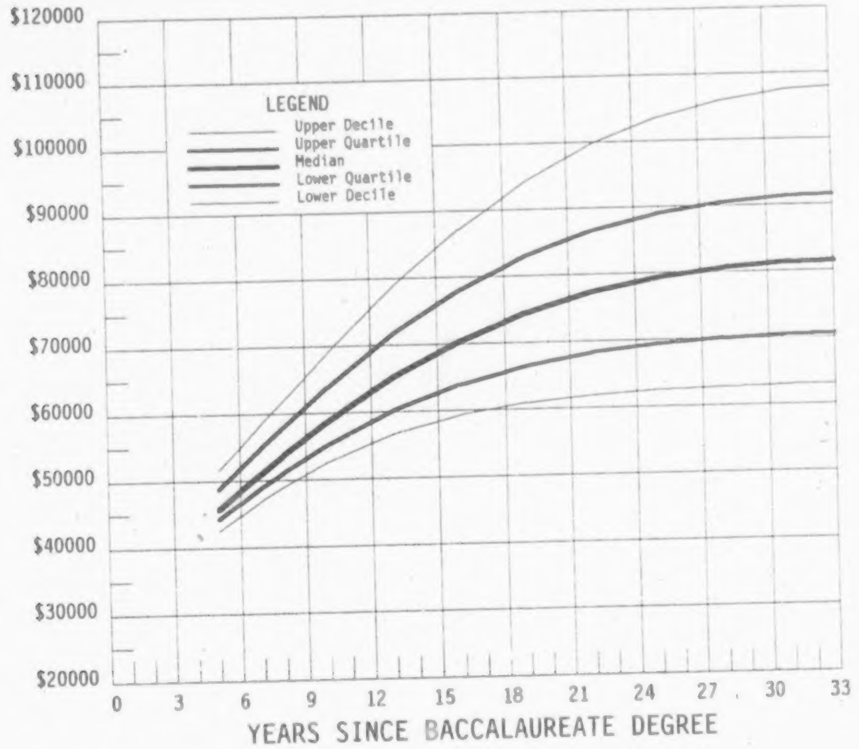
SALARY CURVES FOR ENGINEERS IN MEDIUM COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MEDIUM COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38350	40650	43050	45500	48100	50700	53400	56150	58900	64350	72200	79100	84600	88500	90900	92100	92450	91800	81300	2.2
Upper Quartile	36200	38250	40400	42600	44850	47150	49500	51850	54150	58750	65150	70550	74650	77450	79000	79650	79650	78800	69400	2.2
Median	34050	35900	37750	39650	41600	43600	45550	47500	49450	53200	58400	62650	65900	68050	69250	69750	69750	69100	58200	2.2
Lower Quartile	32000	33550	35150	36750	38350	40000	41600	43200	44800	47800	51950	55350	57950	59750	60850	61350	61550	61300	46900	2.2
Lower Decile	29500	30850	32200	33550	34950	36300	37650	39000	40300	42800	46150	48850	50950	52400	53250	53700	53850	53700	39600	2.2
Mean	34300	36100	38000	39900	41900	43850	45850	47850	49850	53750	59100	63700	67300	69800	71350	72150	72400	72100	59600	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	36400	42650	44450	44000	50850	49300	53650	62400	58350	63150	72250	78100	83950	86750	90000	95250	97200	91200	81300	
Upper Quartile	33900	39800	40600	42950	47000	46450	50450	57000	54750	57250	64000	70050	72500	77350	78900	82100	87500	77000	69400	
Median	33100	34350	38200	41300	43500	44050	45400	50350	50250	51250	58000	63400	64250	67500	70100	70900	74850	67700	58200	
Lower Quartile	32300	32500	34500	36150	39050	41600	41700	44850	44350	47400	51100	56600	55700	58800	62500	63250	64550	59950	46900	
Lower Decile	29600	30750	30950	34400	36000	38300	34900	40200	41550	42400	44450	51350	48400	50400	56500	58650	57450	50900	39600	
Mean	33400	36000	38150	40350	43450	44300	45700	50800	50000	52450	58600	64000	65600	69150	72650	73950	77350	70400	59600	
Supporting Data																				
Total Number	575	670	805	944	948	1164	1194	1067	1025	3260	2654	2814	2435	2886	2223	1782	1185	2933	30564	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	8	9	19	9	14	37	98	
Less Than $22000	5	5	0	5	0	0	2	0	0	0	0	0	5	0	0	0	0	0	23	

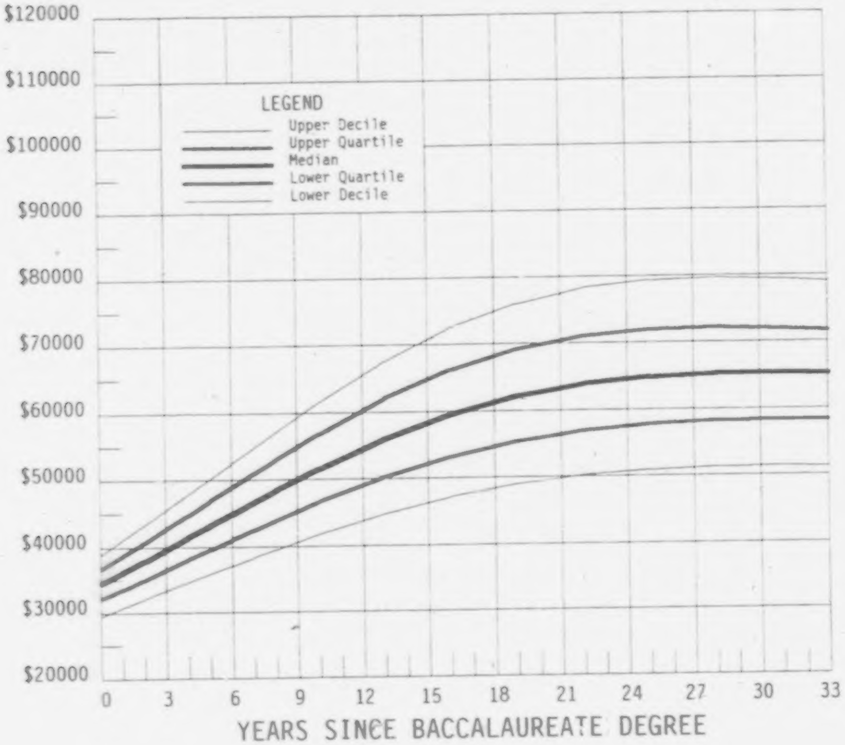
SALARY CURVES FOR ENGINEERS IN MEDIUM COMPANIES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MEDIUM COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	51450	54900	58450	61950	68900	78650	87200	94150	99500	103350	105950	107550	108900	96400	3.6
Upper Quartile	0	0	0	0	0	48700	51800	54900	57950	63800	71650	78050	82950	86500	88900	90450	91350	92100	83450	3.8
Median	0	0	0	0	0	45750	48450	51100	53700	58650	65150	70400	74450	77350	79300	80550	81300	81900	71800	3.8
Lower Quartile	0	0	0	0	0	44250	46650	49000	51150	55200	60150	63900	66500	68300	69400	70100	70500	70800	62300	4.0
Lower Decile	0	0	0	0	0	42450	44800	47050	49100	52650	56650	59300	60950	61900	62500	62800	62950	63050	54000	4.6
Mean	0	0	0	0	0	47000	49850	52650	55400	60550	67300	72700	76750	79600	81500	82700	83400	83900	74450	4.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	47000	52600	66750	63650	72500	82400	83600	94450	99350	100150	107750	105900	113000	96400	
Upper Quartile	0	0	0	0	0	45450	51150	64900	59500	64800	72950	75250	82950	84450	87600	95850	92350	92900	83450	
Median	0	0	0	0	0	43450	45950	52850	58000	61750	65900	70100	73650	77500	77450	82550	84200	80000	71800	
Lower Quartile	0	0	0	0	0	42200	43500	51350	56550	58300	60200	63700	67200	68350	66150	72800	72550	70000	62300	
Lower Decile	0	0	0	0	0	41400	41950	50400	52650	52650	56650	60300	61400	61850	61600	64750	64900	60000	54000	
Mean	0	0	0	0	0	45350	47650	57050	58650	62600	67800	71300	76700	79100	79800	84850	84900	84100	74450	
Supporting Data																				
Total Number	1	5	4	17	7	282	278	182	144	359	699	946	772	1096	993	609	663	821	7879	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	8	9	18	8	12	32	88	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

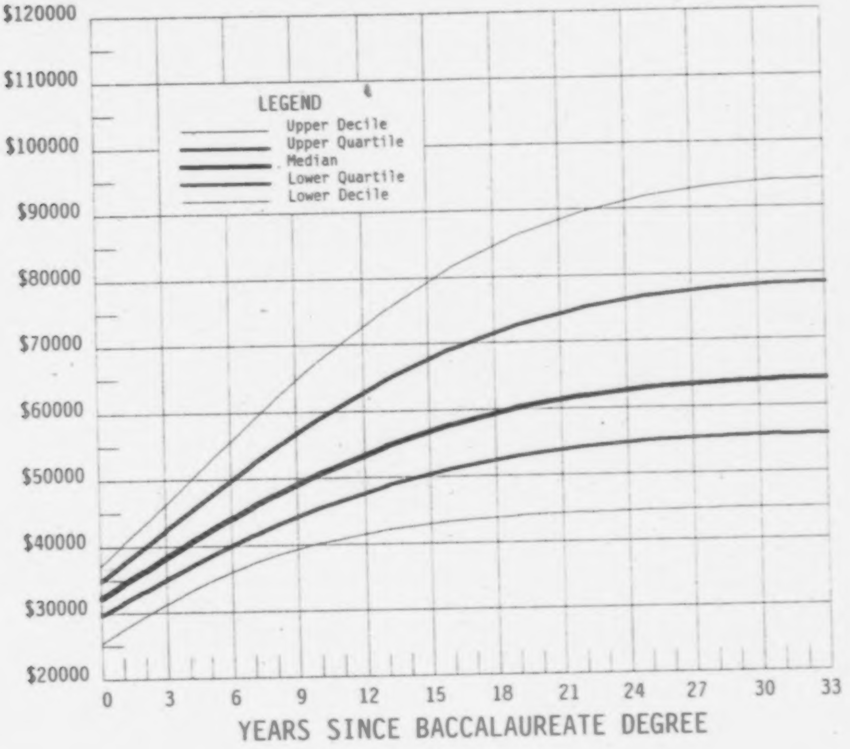
SALARY CURVES FOR ENGINEERS IN MEDIUM COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MEDIUM COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38900	41050	43250	45500	47800	50100	52450	54750	57050	61500	67550	72450	76000	78250	79350	79650	79400	78200	71950	2.2
Upper Quartile	36700	38650	40600	42650	44700	46800	48850	50900	52900	56800	62000	66200	69200	71050	71950	72200	71950	70900	63550	2.2
Median	34450	36150	37850	39600	41350	43100	44850	46600	48300	51550	55950	59500	62150	63850	64850	65250	65300	64750	53300	2.2
Lower Quartile	32100	33600	35050	36550	38050	39550	41000	42450	43850	46600	50200	53150	55350	56850	57750	58200	58300	58050	44200	2.2
Lower Decile	29600	30850	32100	33400	34650	35900	37150	38350	39550	41800	44750	47150	48950	50200	50900	51300	51400	51250	37500	2.2
Mean	34550	36250	38000	39750	41550	43300	45050	46800	48500	51800	56250	59850	62550	64350	65400	65800	65850	65400	54450	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	36350	42550	44300	43900	50250	49350	54050	59950	55550	60900	68100	71300	73600	76700	77800	82550	81250	79250	71950	
Upper Quartile	33900	39700	40600	42900	46950	46750	49900	56200	53150	55150	61500	65950	66400	70350	73400	74100	74450	70950	63550	
Median	33100	34200	38150	41250	43450	44350	44900	48500	48950	50450	54750	60150	60950	61900	66700	66650	66850	64900	53300	
Lower Quartile	32300	32500	34450	36050	39050	41100	40900	43950	43600	47000	48700	54350	52450	55600	59600	61600	58450	57600	44200	
Lower Decile	29600	30750	30950	34350	36000	37200	33650	39300	41300	42050	43200	48450	46500	48750	54150	57150	53800	49050	37500	
Mean	33300	35850	38050	39950	43250	43950	45100	49500	48600	51200	55350	60300	60450	63050	66850	68250	67800	65100	54450	
Supporting Data																				
Total Number	574	664	801	927	941	882	916	884	881	2901	1955	1868	1662	1790	1230	1173	521	2112	22684	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5	10	
Less Than $22000	5	5	0	5	0	0	2	0	0	0	0	0	5	0	0	0	0	0	23	

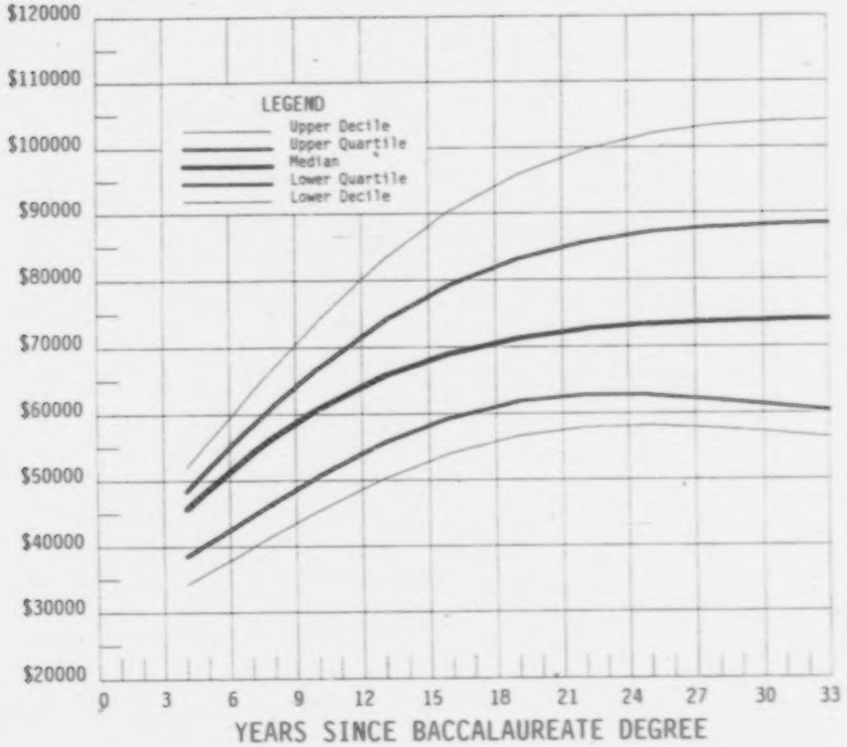
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SMALL COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37200	40200	43200	46300	49450	52600	55700	58800	61800	67550	75200	81450	86200	89600	91900	93300	94100	94650	76850	4.2
Upper Quartile	34900	37350	39850	42350	44850	47350	49800	52200	54550	58900	64600	69150	72650	75150	76850	77900	78500	78950	63500	4.0
Median	32350	34350	36350	38350	40300	42200	44050	45800	47550	50700	54700	57850	60200	61850	62950	63600	63950	64200	52350	4.2
Lower Quartile	29700	31500	33300	35050	36750	38400	40000	41500	42950	45550	48750	51200	52950	54200	55000	55450	55700	55900	41500	4.2
Lower Decile	25500	27550	29500	31350	33100	34650	36050	37300	38450	40250	42150	43300	43950	44350	44550	44650	44650	44700	33800	5.6
Mean	31950	34150	36350	38550	40750	42900	45050	47100	49100	52800	57600	61400	64250	66300	67600	68450	68900	69200	54900	4.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37600	37750	44550	47750	46000	52600	51650	59800	66400	68050	74650	81800	77450	141250	89400	80150	93100	95750	76850	
Upper Quartile	35150	34850	41450	42400	43650	48300	43700	52500	63150	59300	65400	67400	66550	76650	82750	73100	80200	82200	63500	
Median	33150	31450	37950	37100	39850	40600	38850	44250	53450	51450	57650	61300	60150	57550	59900	65850	65850	61600	52350	
Lower Quartile	30200	30050	34850	34450	35100	38450	32900	41800	48700	46300	51000	53300	51300	51200	50000	60550	55500	56300	41500	
Lower Decile	26400	25050	28050	31150	33200	33300	31350	37400	44950	39250	47500	50450	47850	44100	44650	53900	49000	28800	33800	
Mean	32300	32050	37850	38500	39700	43150	39800	47850	54900	52500	58800	63050	61150	72000	68400	67200	69200	65950	54900	
Supporting Data																				
Total Number	901	324	614	757	520	839	605	783	565	2894	2280	788	1317	985	1211	1152	495	1060	18088	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	1	7	146	63	2	4	11	237	
Less Than $22000	60	0	0	0	0	0	0	0	2	59	0	0	0	0	0	0	0	0	121	

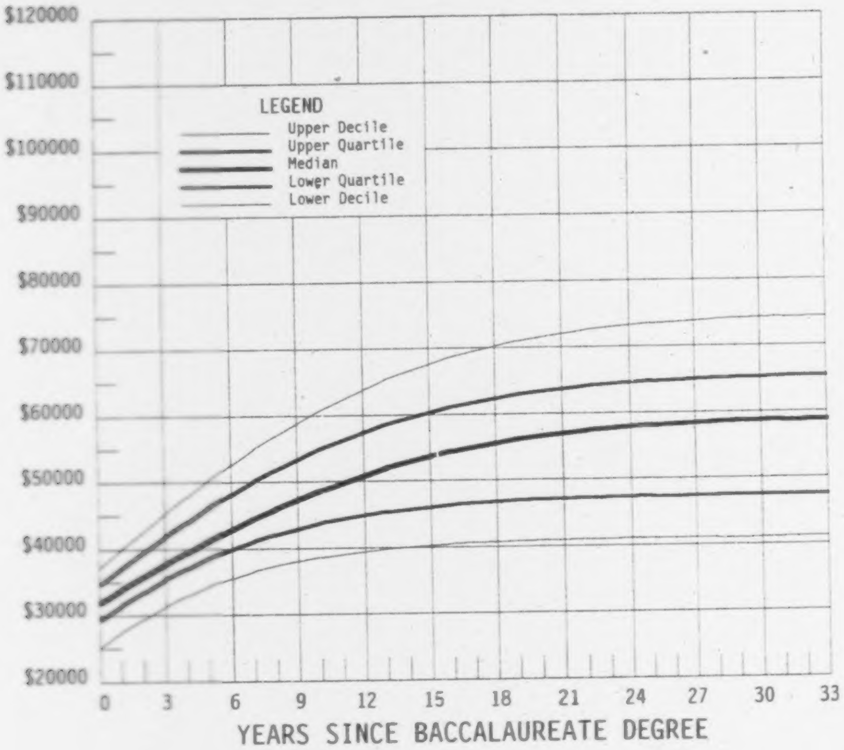
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	0	0	0	0	51900	55700	59500	63300	67000	74000	83200	90550	95950	99650	102000	103350	104000	104450	89500	4.6
Upper Quartile	0	0	0	0	48400	51750	55050	58200	61250	66900	74000	79350	83100	85600	87100	87900	88300	88550	78000	4.8
Median	0	0	0	0	45650	48600	51400	54050	56500	60800	65750	69150	71300	72650	73400	73800	74000	74100	64450	5.0
Lower Quartile	0	0	0	0	38450	40500	42600	44650	46700	50600	55700	59450	61800	62750	62700	62000	61000	58700	56500	2.2
Lower Decile	0	0	0	0	34150	36050	37950	39850	41750	45400	50300	54100	56600	57850	58100	57650	56900	55000	44950	2.2
Mean	0	0	0	0	42700	45350	48150	50950	53750	59300	67000	73200	77300	79350	79700	78850	77500	74300	69000	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	46800	63450	58150	66750	56250	76750	82000	84750	85500	161050	113950	82650	94500	111200	89500	
Upper Quartile	0	0	0	0	46000	62600	52600	64750	55000	67850	67000	81500	76700	140100	86950	76450	91800	88700	78000	
Median	0	0	0	0	44550	61150	51600	57600	53300	60350	63100	67300	67050	80750	80050	67550	67550	80500	64450	
Lower Quartile	0	0	0	0	39950	54600	50650	43400	51550	46950	59450	63200	62450	65450	57650	65050	58300	59950	56500	
Lower Decile	0	0	0	0	38800	46250	50050	41950	50500	40400	52350	60750	60700	58250	53350	62550	48200	57550	44950	
Mean	0	0	0	0	43550	58000	52750	55250	54100	58300	64950	72450	71400	99950	78800	71700	74150	80950	69000	
Supporting Data																				
Total Number	6	4	85	107	155	85	75	196	141	1080	556	302	448	407	698	669	239	488	5741	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	1	7	146	62	2	4	11	236	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37300	39950	42600	45250	47800	50250	52600	54850	56950	60750	65350	68700	71000	72550	73500	74000	74300	74450	65200	4.6
Upper Quartile	34700	37100	39500	41800	44000	46150	48150	50050	51800	54950	58600	61200	62950	64100	64800	65200	65350	65500	55950	4.6
Median	32000	33900	35800	37650	39450	41200	42850	44450	45900	48600	51950	54450	56200	57350	58100	58500	58750	58850	48550	4.6
Lower Quartile	29350	31500	33500	35400	37050	38600	39950	41100	42100	43750	45400	46350	46900	47200	47350	47400	47450	47450	37900	5.8
Lower Decile	25300	27500	29500	31300	32950	34350	35550	36550	37400	38650	39850	40450	40800	40950	41050	41050	41100	41100	32200	6.4
Mean	31650	33850	36000	38050	40050	41950	43750	45400	46900	49600	52700	54850	56300	57200	57750	58000	58150	58250	48300	4.8
Raw (Unsmoothed) Statistics																				
Upper Decile	37600	37400	44850	48050	43650	50700	46750	52650	66750	58050	73550	67200	67100	69400	67800	70700	80800	79250	65200	
Upper Quartile	35150	34800	39900	43950	42150	46300	40600	51100	64550	52950	63450	61750	60900	55650	61100	66200	73700	69300	55950	
Median	33150	31450	36900	36000	36500	40200	38200	43500	53800	50500	55050	56850	53500	53500	54900	59450	59150	57150	48550	
Lower Quartile	30200	30050	34500	34150	34300	38250	32650	41300	47800	45800	49750	51450	49300	46100	44800	54350	55450	31850	37900	
Lower Decile	26400	25050	27750	31000	32700	33150	31200	37050	43650	38550	46750	48850	47150	31350	39750	51500	53600	25400	32200	
Mean	32300	31950	36950	38150	38050	41500	37950	45350	55150	49100	56850	57200	55850	52300	54300	60950	64600	53200	48300	
Supporting Data																				
Total Number	895	320	529	650	365	754	530	586	424	1815	1724	486	869	578	513	483	256	572	12347	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Less Than $22000	60	0	0	0	0	0	0	0	2	59	0	0	0	0	0	0	0	0	121	

ALL INDUSTRY CURVES AND TABLES, BY GEOGRAPHIC REGION AND METROPOLITAN AREA

REGIONAL CLASSIFICATION:

New England:
- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island
- Vermont

Middle Atlantic:
- New Jersey
- New York
- Pennsylvania

East North Central:
- Illinois
- Indiana
- Michigan
- Ohio
- Wisconsin

West North Central:
- Iowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

South Atlantic:
- Delaware
- District of Columbia
- Florida
- Georgia
- Maryland
- North Carolina
- South Carolina
- Virginia
- West Virginia

East South Central:
- Alabama
- Kentucky
- Mississippi
- Tennessee

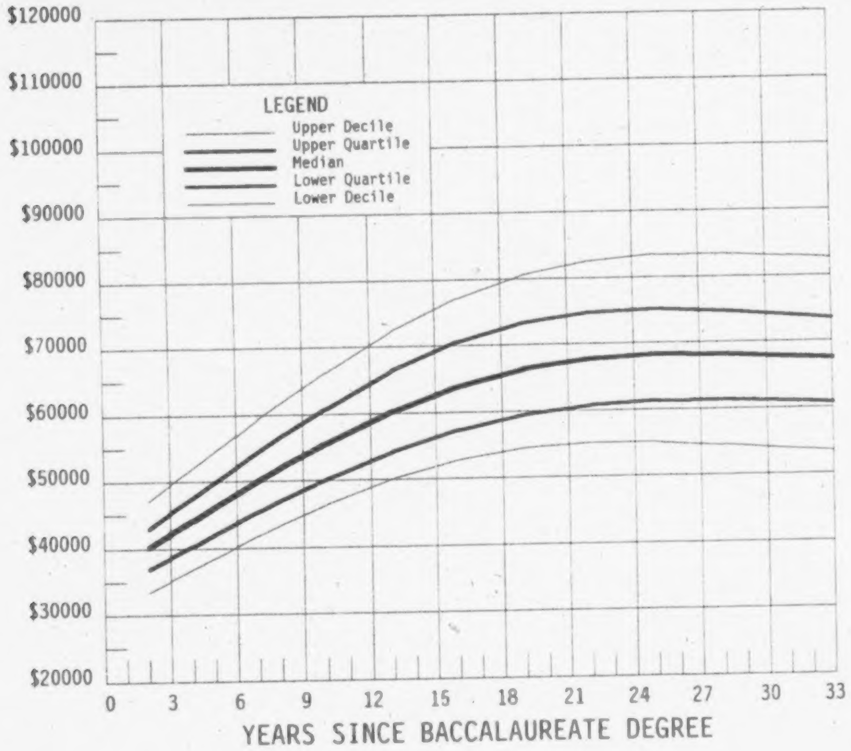
West South Central:
- Arkansas
- Louisiana
- Oklahoma
- Texas

Mountain:
- Arizona
- Colorado
- Idaho
- Montana
- Nevada
- New Mexico
- Utah
- Wyoming

Pacific:
- Alaska
- California
- Hawaii
- Oregon
- Washington

Metropolitan Areas:
- Chicago, IL
- New York, NY
- San Francisco Bay Area, CA
- Southern California
- Washington, DC

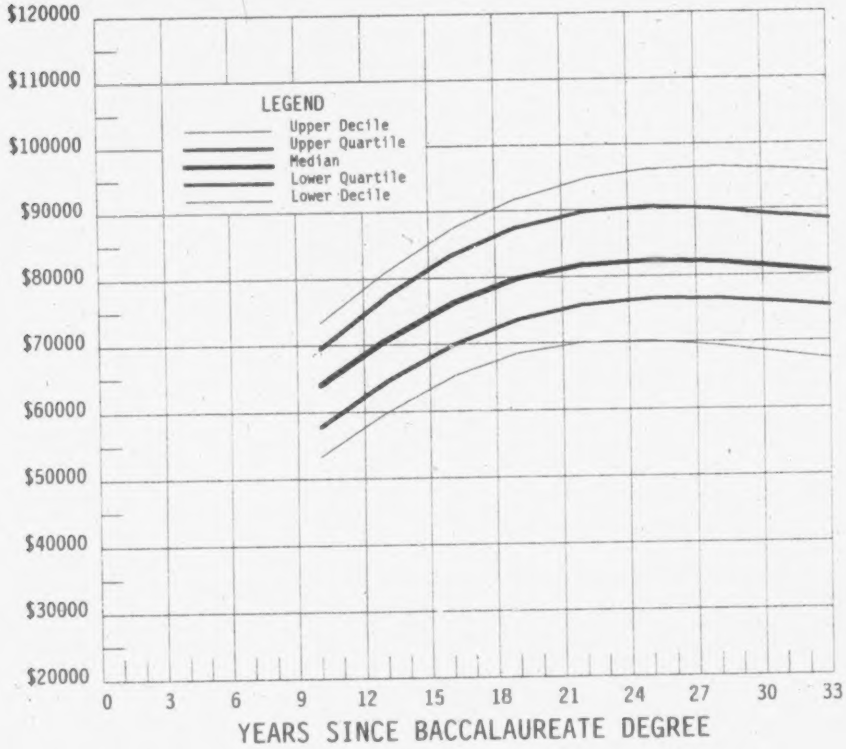
SALARY CURVES FOR ENGINEERS IN NEW ENGLAND STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: NEW ENGLAND STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	47150	49550	52000	54450	56850	59300	61650	66200	72300	77150	80550	82550	83450	83500	83100	81650	76950	2.2
Upper Quartile	0	0	43000	45250	47550	49850	52100	54400	56600	60800	66350	70550	73350	74800	75150	74800	74050	72200	68900	2.2
Median	0	0	40200	42150	44150	46150	48100	50050	51950	55550	60250	63850	66350	67700	68250	68150	67700	66400	60750	2.2
Lower Quartile	0	0	36900	38600	40350	42050	43750	45400	47050	50150	54150	57300	59500	60750	61300	61350	61100	60150	52150	2.2
Lower Decile	0	0	33500	35150	36850	38550	40200	41850	43400	46350	50100	52800	54450	55100	55050	54550	53850	52300	45700	2.2
Mean	0	0	40400	42350	44350	46350	48350	50300	52200	55850	60650	64400	67000	68450	69050	69000	68600.	67350	61150	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	49450	48300	52400	52900	55800	63300	62000	65450	72450	79400	77300	79300	85200	84650	90800	80100	76950	
Upper Quartile	0	0	43200	44000	47350	49450	53150	58700	56850	59950	67550	70350	69500	73900	74850	75050	80150	71950	68900	
Median	0	0	38550	41950	43450	46100	49600	53950	53400	54100	60650	64050	64400	67050	68000	67800	70850	66700	60750	
Lower Quartile	0	0	35400	38600	40550	42450	46850	47800	49750	49450	53700	56850	57850	59000	61800	62400	61650	61100	52150	
Lower Decile	0	0	31900	35100	36600	38950	41400	44050	45450	47050	49500	53000	50550	53200	54250	57100	56000	52950	45700	
Mean	0	0	40200	41600	44150	46200	49550	53450	53500	55100	60950	64500	64600	66950	69300	69950	71300	67500	61150	
Supporting Data																				
Total Number	166	173	228	351	282	658	674	1015	894	3002	2535	2378	1686	2218	1684	1536	858	2050	22389	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	1	5	0	10	0	0	3	22	
Less Than $22000	0	0	0	5	0	0	0	0	2	0	0	0	5	0	0	0	0	0	23	

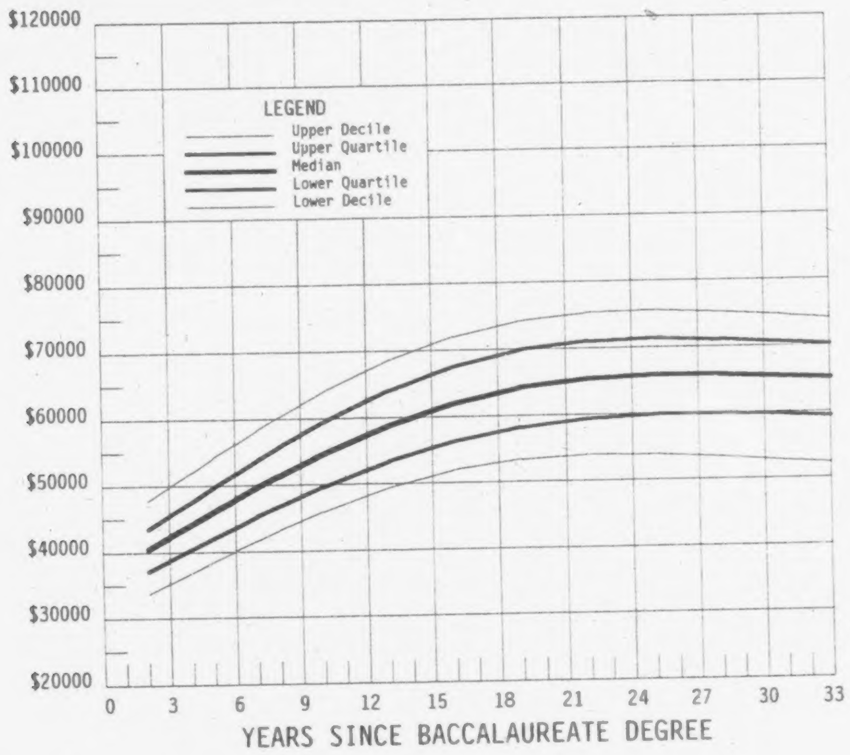
SALARY CURVES FOR ENGINEERS IN NEW ENGLAND STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: NEW ENGLAND STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	73300	80950	87300	91900	94800	96250	96550	96200	94550	93400	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	69500	77200	83350	87550	89800	90500	90050	89050	86400	84600	2.2
Median	0	0	0	0	0	0	0	0	0	63950	70750	76100	79800	81750	82350	82050	81200	78900	78200	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	57850	64450	69800	73600	75800	76650	76550	75950	74000	69650	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	53300	59900	65100	68500	70100	70250	69450	68200	65300	63150	2.2
Mean	0	0	0	0	0	0	0	0	0	64150	71300	77050	81050	83250	84050	83800	83000	80700	78400	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	67500	0	76550	84300	85150	93300	88950	96200	98850	94600	99650	93400	
Upper Quartile	0	0	0	0	0	0	0	66650	0	73000	81000	82800	85350	81650	89200	95400	91900	89400	84600	
Median	0	0	0	0	0	0	0	65250	0	66550	70600	76450	75500	77950	84150	83700	84100	79300	78200	
Lower Quartile	0	0	0	0	0	0	0	62700	0	60750	63250	70650	69350	72600	76350	77650	80000	75150	69650	
Lower Decile	0	0	0	0	0	0	0	54650	0	52550	60750	66100	64700	68550	68300	69750	68750	68400	63150	
Mean	0	0	0	0	0	0	0	63400	0	66550	72300	77050	78750	78250	84950	85150	84550	83200	78400	
Supporting Data																				
Total Number	6	0	2	4	1	10	12	82	27	169	386	465	289	517	354	316	263	274	3175	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	1	5	0	10	0	0	3	22	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

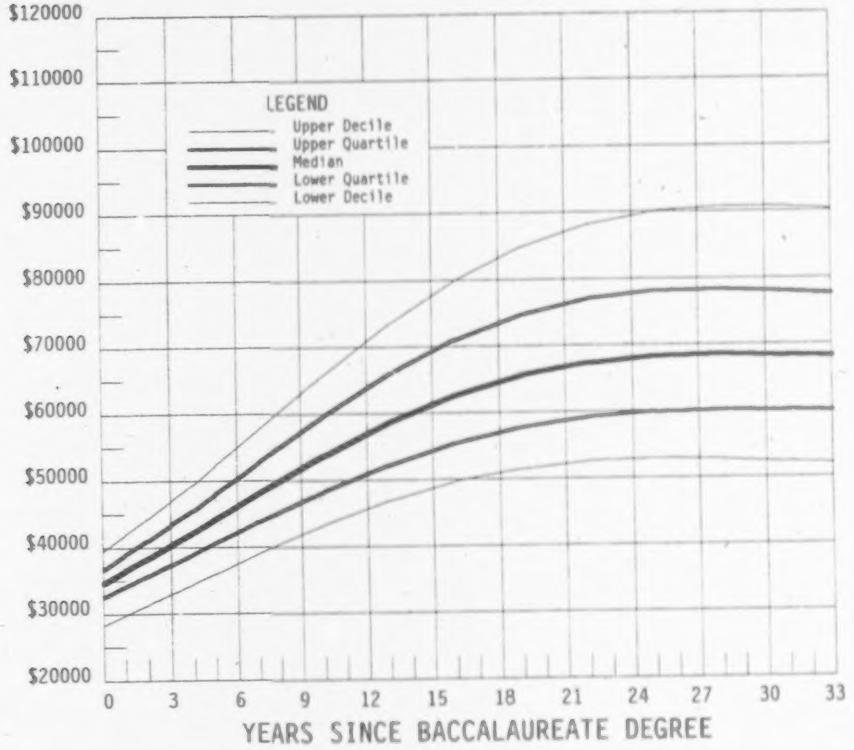
SALARY CURVES FOR ENGINEERS IN NEW ENGLAND STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: NEW ENGLAND STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	47700	49850	52000	54150	56250	58250	60250	63950	68600	72050	74250	75300	75550	75200	74600	73000	71500	2.2
Upper Quartile	0	0	43400	45500	47550	49650	51700	53700	55650	59350	64050	67600	69900	71100	71400	71100	70550	69000	66000	2.2
Median	0	0	40500	42350	44200	46050	47850	49650	51350	54600	58800	62000	64200	65400	65850	65800	65450	64350	58500	2.2
Lower Quartile	0	0	37150	38800	40450	42050	43650	45250	46750	49650	53350	56250	58200	59400	59850	59900	59650	58800	51000	2.2
Lower Decile	0	0	33650	35250	36900	38500	40100	41650	43150	45950	49450	51950	53400	54000	53900	53450	52750	51250	44650	2.2
Mean	0	0	40700	42550	44400	46200	48000	49750	51450	54650	58750	61900	63950	65100	65450	65350	64950	63800	58300	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	49100	48250	52350	52850	55700	61200	61400	63800	70250	71350	71150	74100	75200	75300	75250	74300	71500	
Upper Quartile	0	0	43050	44000	47350	49400	53050	57750	56400	59150	64500	66700	67100	69850	71100	71050	72750	70250	66000	
Median	0	0	38500	41900	43450	46050	49550	53300	53300	53700	58750	61750	62850	63850	65950	65850	66150	65500	58500	
Lower Quartile	0	0	35350	38600	40550	42400	46850	47350	49600	49250	52850	55450	56150	57600	60200	61200	58550	60350	51000	
Lower Decile	0	0	31850	35100	36600	38900	41400	43600	45350	46950	48350	51650	49800	52050	53400	55850	52950	52500	44650	
Mean	0	0	39900	41600	44100	46150	49450	52550	53200	54400	58900	61450	61650	63500	65150	66000	65450	65100	58300	
Supporting Data																				
Total Number	160	173	227	347	282	647	662	933	867	2833	2150	1913	1397	1702	1330	1220	594	1776	19214	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	5	0	0	0	0	2	0	0	0	5	0	0	0	0	0	23	

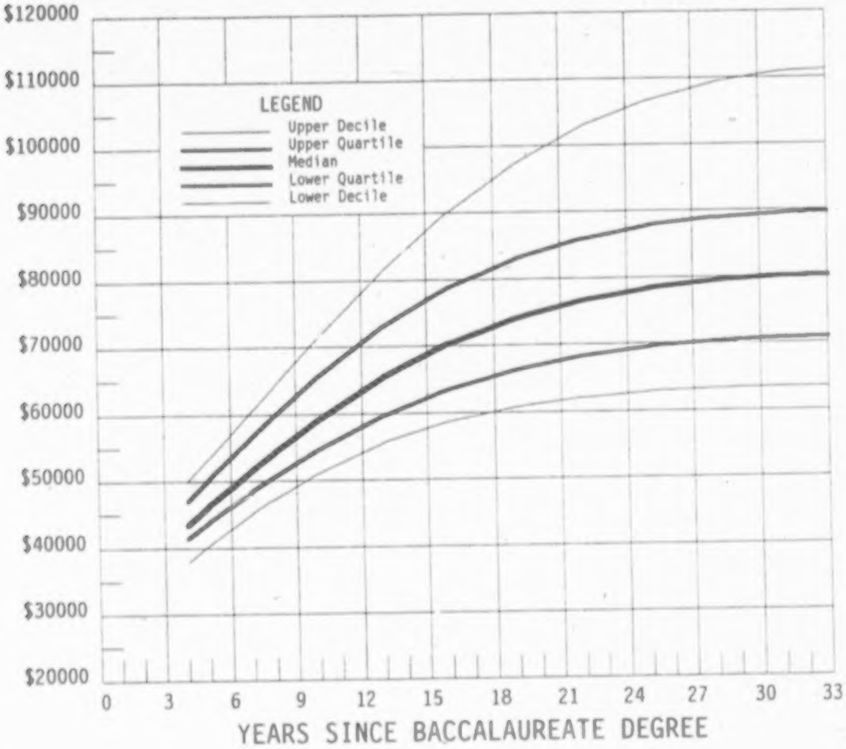
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39550	41900	44350	46900	49500	52200	54900	57600	60350	65750	73400	79850	84850	88200	90050	90750	90700	89550	79350	2.2
Upper Quartile	36700	38850	41050	43300	45600	47950	50300	52650	55000	59600	65850	71000	74700	77000	78100	78300	77950	76550	68300	2.2
Median	34600	36450	38300	40250	42200	44150	46100	48050	49950	53650	58600	62600	65550	67350	68300	68550	68350	67450	57600	2.2
Lower Quartile	32500	34100	35700	37300	38950	40600	42200	43800	45350	48300	52250	55400	57700	59150	59900	60100	60050	59400	47500	2.2
Lower Decile	28400	29900	31400	32950	34500	36000	37550	39050	40550	43300	46900	49700	51550	52550	52850	52750	52350	51250	40100	2.2
Mean	34500	36400	38350	40300	42350	44400	46450	48500	50500	54450	59750	64150	67350	69450	70500	70850	70700	69750	59250	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	38200	43550	45250	46850	50800	51750	54450	61350	59900	66150	74200	78400	82100	85100	88250	94500	96650	89600	79350	
Upper Quartile	34800	40650	41650	43450	46550	47400	50800	56050	55550	59750	66050	69700	71200	75250	77500	80300	85400	75850	68300	
Median	33200	36050	39250	41450	42500	44700	45700	50350	51700	52800	58650	62450	63200	66600	68000	69350	72300	67150	57600	
Lower Quartile	32100	32700	36600	37300	38750	42000	41500	44900	47200	48100	52100	55350	55150	58150	60650	62600	61300	58800	47500	
Lower Decile	27350	30050	31100	34350	34900	38950	34000	41500	42700	43150	45700	50450	49150	50150	54450	56600	55300	49700	40100	
Mean	33400	36750	39100	40900	42850	45100	45850	50750	51750	53950	59650	63650	65100	68350	70550	72650	75000	68950	59250	
Supporting Data																				
Total Number	1101	1007	1366	1565	1666	1787	1809	1895	2164	6683	5230	4827	3869	4444	4037	3151	2205	4271	53078	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	1	6	13	16	13	20	43	115	
Less Than $22000	59	0	0	0	0	0	2	0	2	59	0	1	0	0	0	0	0	0	122	

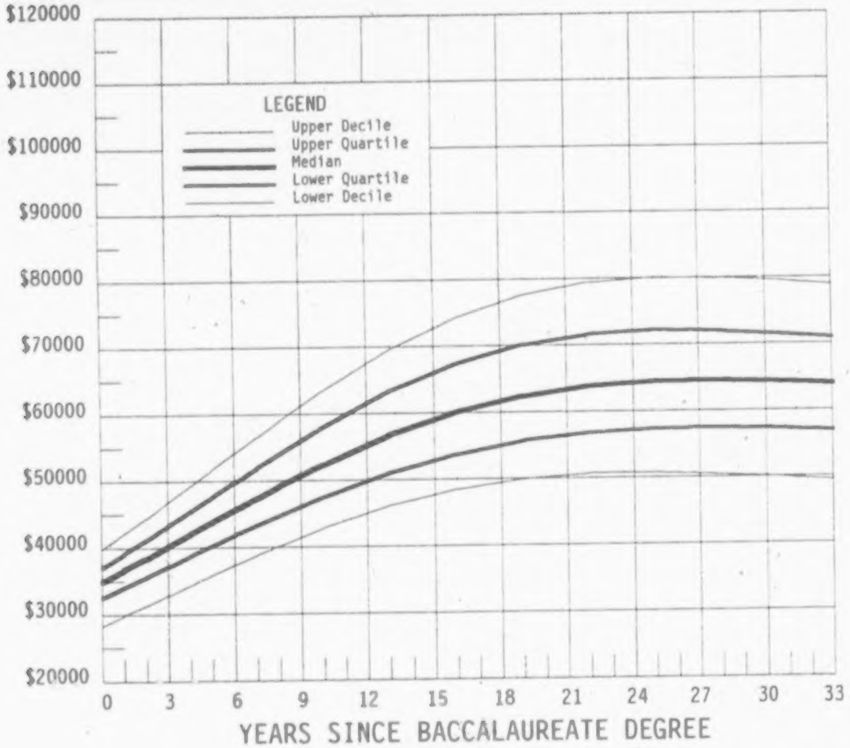
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	49900	53400	57000	60600	64200	71350	81400	90200	97350	102850	106750	109350	110900	112150	97450	3.8
Upper Quartile	0	0	0	0	46950	50250	53500	56700	59800	65600	73050	78850	83050	85950	87850	88950	89550	90000	82250	4.2
Median	0	0	0	0	43450	46250	48950	51650	54250	59100	65400	70400	74050	76650	78350	79450	80050	80500	71000	4.0
Lower Quartile	0	0	0	0	41450	43850	46200	48450	50650	54650	59700	63600	66350	68300	69550	70300	70750	71050	61450	4.0
Lower Decile	0	0	0	0	37900	40450	42850	45200	47350	51150	55650	58750	60800	62100	62850	63250	63450	63550	51150	4.8
Mean	0	0	0	0	44200	47150	50050	52900	55650	60850	67600	72850	76750	79500	81250	82350	82900	83300	73200	4.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	49900	48200	52850	66700	63000	73300	84250	87000	104150	105900	104900	106800	108150	110700	97450	
Upper Quartile	0	0	0	0	45150	45700	51250	64400	58500	68200	75000	77150	82800	84350	86350	89150	92900	89800	82250	
Median	0	0	0	0	40600	43600	46050	52750	55150	61700	66250	70150	73400	76950	76650	78200	84150	79150	71000	
Lower Quartile	0	0	0	0	39300	42250	43500	50900	52000	55300	60750	63450	67000	68550	66900	68950	72950	71950	61450	
Lower Decile	0	0	0	0	38500	41450	41900	48300	50100	48000	56500	60050	60400	61850	61450	64500	65300	62500	51150	
Mean	0	0	0	0	43000	44850	47900	56050	56150	61450	69200	72500	77150	79450	79300	81500	85000	83250	73200	
Supporting Data																				
Total Number	15	29	40	51	125	312	313	241	358	1047	1158	1303	975	1344	1309	1121	929	1148	11817	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	0	6	10	11	8	9	28	75	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

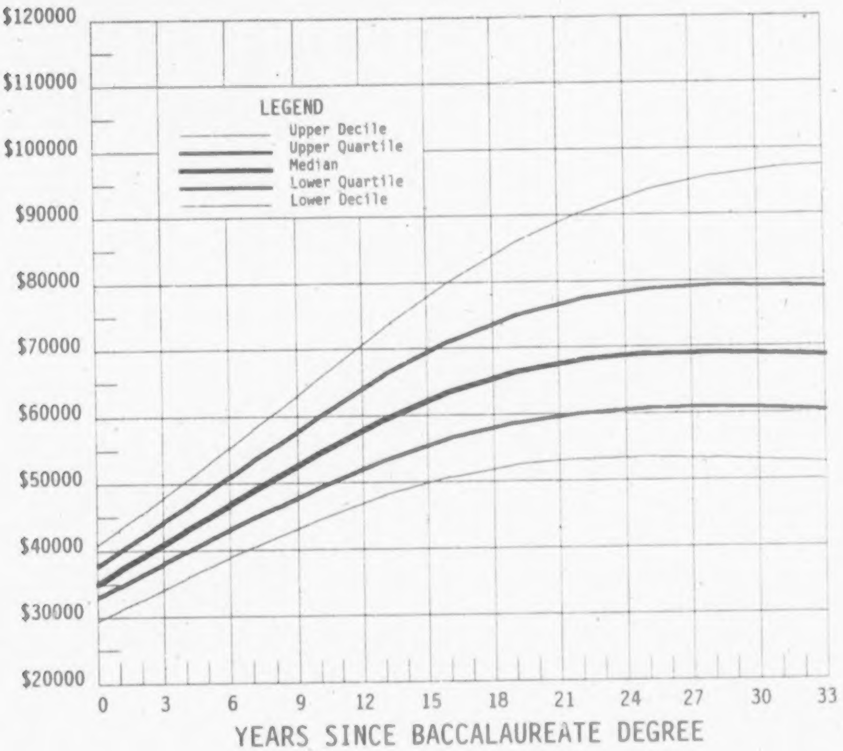
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39900	42150	44450	46850	49250	51650	54100	56500	58850	63450	69500	74300	77600	79450	80100	80000	79400	77650	71950	2.2
Upper Quartile	37000	39050	41150	43250	45400	47550	49750	51850	53950	57950	63250	67350	70100	71600	72150	71950	71400	69800	63700	2.2
Median	34900	36650	38400	40200	42000	43800	45600	47350	49100	52350	56650	60050	62400	63850	64450	64550	64300	63350	54250	2.2
Lower Quartile	32550	34050	35600	37150	38700	40250	41800	43250	44700	47450	51000	53750	55650	56800	57300	57400	57200	56450	45500	2.2
Lower Decile	28400	29900	31350	32850	34350	35850	37350	38800	40150	42800	46100	48500	50000	50700	50750	50400	49900	48650	38600	2.2
Mean	34700	36500	38350	40200	42100	43950	45850	47700	49500	52950	57500	61050	63450	64900	65450	65450	65100	63950	55200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37600	43300	44750	46550	50850	52050	54650	59850	59500	63350	70400	72550	73700	75700	81050	82650	84200	78350	71950	
Upper Quartile	34700	40450	41300	43350	46650	48000	50550	55600	54800	57500	63000	66150	66700	70650	72800	73050	73800	70600	63700	
Median	33200	35800	39150	41400	42700	45000	45500	49300	50900	51900	55850	59500	60650	62500	65100	65950	65000	64100	54250	
Lower Quartile	32100	32650	36500	37100	38600	41850	40800	44300	46200	47600	50600	53650	53250	55550	58050	60400	57400	56350	45500	
Lower Decile	27300	30000	31000	34300	34700	38350	33600	41250	42300	42850	44500	49050	47850	48650	52450	54350	53150	47200	38600	
Mean	33100	36450	38800	40700	42850	45150	45450	50000	50850	52550	56950	60400	61050	63500	66400	67800	67750	63700	55200	
Supporting Data																				
Total Number	1086	979	1326	1514	1541	1475	1496	1655	1806	5636	4072	3524	2894	3100	2729	2030	1276	3123	41260	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	3	5	5	11	15	40	
Less Than $22000	59	0	0	0	0	0	2	0	2	59	0	1	0	0	0	0	0	0	122	

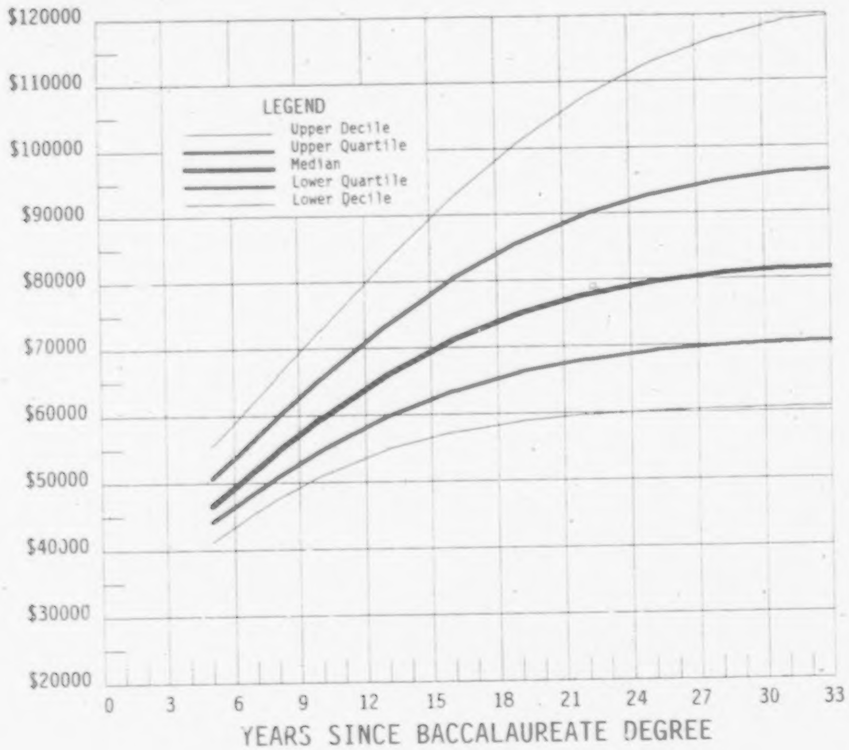
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40950	43150	45500	47850	50300	52800	55350	57900	60500	65700	73200	80050	85850	90400	93700	95900	97200	98250	79550	2.2
Upper Quartile	37750	39850	42000	44200	46400	48700	51000	53250	55550	59950	66050	71100	74850	77350	78750	79250	79200	78250	68500	2.2
Median	35100	37000	38900	40850	42850	44800	46800	48800	50750	54450	59450	63500	66350	68100	68950	69100	68900	67850	58000	2.2
Lower Quartile	33000	34650	36300	38000	39700	41350	43050	44700	46300	49350	53350	56550	58750	60100	60750	60850	60650	59800	47700	2.2
Lower Decile	29550	31050	32600	34150	35750	37300	38850	40350	41800	44550	48100	50750	52450	53300	53550	53300	52850	51700	41250	2.2
Mean	35600	37450	39400	41350	43300	45350	47350	49350	51350	55200	60500	64900	68250	70550	71850	72450	72550	72000	59900	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	41800	44250	46150	46400	49550	51700	54600	61300	62500	65900	74650	78650	84650	87250	93700	96900	102000	98750	79550	
Upper Quartile	37100	41900	42850	43500	46600	47200	50700	54900	56900	59950	66950	70250	73650	75700	80150	78650	83100	77950	68500	
Median	33550	38500	39650	41500	43350	44500	45600	50350	51550	54350	59400	63600	65200	66900	69500	69000	70550	68250	58000	
Lower Quartile	32450	33650	36900	38200	40300	41700	42100	45500	46800	50000	52650	57300	56700	58450	61800	61600	61200	60300	47700	
Lower Decile	28100	32450	32600	35000	38250	38150	34850	42050	42950	44550	47050	51650	51000	51250	56150	55400	52400	50950	41250	
Mean	35150	38750	40050	41200	43850	44750	46200	50800	52250	55200	60550	64900	67000	69100	73600	72650	74100	71700	59900	
Supporting Data																				
Total Number	776	809	1210	1619	1477	1824	1550	1453	1935	5540	4545	4465	3464	3625	3264	2597	1465	3003	44619	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	6	15	75	21	11	37	167	
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

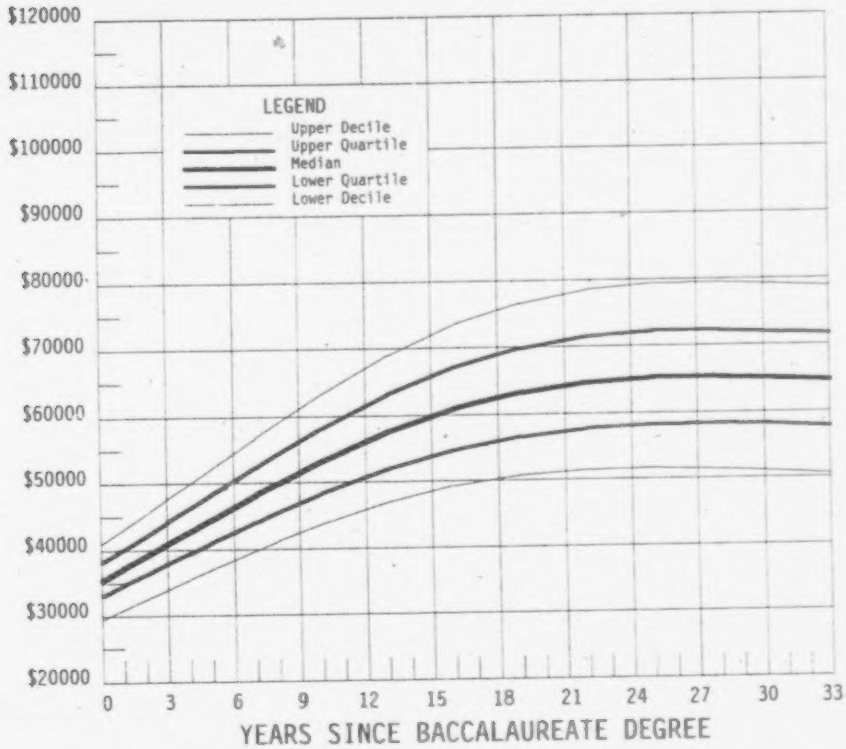
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	55400	58850	62300	65800	72850	83150	92650	100900	107650	112850	116600	119050	121350	104000	3.4
Upper Quartile	0	0	0	0	0	50650	53650	56650	59650	65500	73500	80300	85750	89900	92850	94850	96100	97250	83300	3.4
Median	0	0	0	0	0	46550	49300	52000	54600	59550	66000	71150	75000	77750	79600	80750	81400	81850	70800	4.0
Lower Quartile	0	0	0	0	0	44100	46450	48700	50850	54800	59700	63450	66150	68000	69200	69950	70400	70700	60500	4.0
Lower Decile	0	0	0	0	0	41100	43450	45650	47650	51050	54850	57300	58800	59700	60200	60450	60550	60650	50400	5.0
Mean	0	0	0	0	0	47800	50550	53300	56000	61100	68000	73700	78100	81300	83550	85000	85850	86550	74000	3.8
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	51250	54350	66500	65450	76600	84550	88700	103850	109550	114750	114650	115100	119050	104000	
Upper Quartile	0	0	0	0	0	46000	51550	63400	59750	66800	77600	78600	85000	86300	89150	98100	96450	105100	83300	
Median	0	0	0	0	0	43700	46450	52950	57300	60900	67800	70350	75500	76400	78950	80250	81600	83200	70800	
Lower Quartile	0	0	0	0	0	42300	43750	50900	53050	54800	61300	64100	66000	65050	68650	72600	68850	72500	60500	
Lower Decile	0	0	0	0	0	41500	42050	48350	49050	48100	53650	59550	60150	59800	61800	64700	49950	59650	50400	
Mean	0	0	0	0	0	45450	48500	56100	57600	61100	70250	73100	78000	79600	83450	86000	83950	88400	74000	
Supporting Data																				
Total Number	18	35	45	64	78	329	333	279	294	993	1014	1359	1033	1212	1457	822	595	787	10749	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	5	13	74	19	9	28	151	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

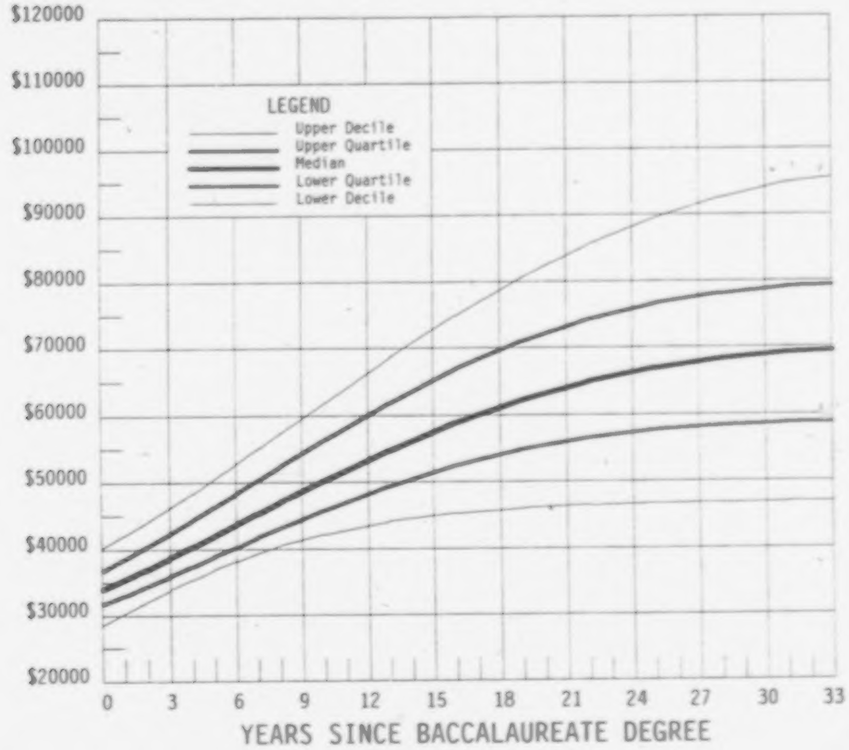
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41000	43150	45350	47650	49900	52200	54500	56750	59000	63250	68950	73450	76600	78500	79350	79450	79100	77800	71600	2.2
Upper Quartile	38050	40050	42050	44100	46200	48250	50300	52350	54350	58150	63150	67100	69850	71500	72200	72200	71900	70700	63950	2.2
Median	35400	37200	39000	40850	42650	44500	46350	48100	49850	53200	57550	60900	63250	64650	65250	65250	65000	63950	54500	2.2
Lower Quartile	33150	34700	36250	37850	39450	41000	42550	44050	45550	48300	51900	54650	56600	57700	58200	58300	58050	57300	45600	2.2
Lower Decile	29600	31050	32550	34000	35500	36950	38400	39800	41200	43700	46900	49300	50800	51500	51650	51400	50950	49850	39750	2.2
Mean	35750	37550	39350	41150	43000	44850	46650	48450	50200	53500	57900	61350	63750	65250	65900	66050	65850	64900	55400	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40900	43800	45700	46100	49400	51700	54600	58700	61700	63450	70450	71950	75250	76400	76100	80500	82150	79750	71600	
Upper Quartile	36850	41700	42600	43400	46500	47700	50100	53850	55300	58400	63650	66600	68100	71000	71200	71450	73450	72200	63950	
Median	33500	38250	39500	41450	43300	44700	45250	49000	50750	53300	57050	61300	62150	63150	64950	65100	66250	65200	54500	
Lower Quartile	32450	33550	36800	38100	40200	41350	41550	44650	46000	49250	51050	55150	54650	55400	58750	59850	58800	58050	45600	
Lower Decile	27950	32450	32300	34900	38200	36750	33600	41550	42600	44250	46000	50300	48900	49200	53150	54000	52650	49150	39750	
Mean	34650	38300	39750	40950	43650	44600	45600	49550	51250	53900	57750	61300	62300	63800	65700	66500	67400	65750	55400	
Supporting Data																				
Total Number	758	774	1165	1555	1398	1495	1216	1174	1640	4546	3531	3105	2431	2413	1807	1775	869	2217	33870	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	3	1	8	16	
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

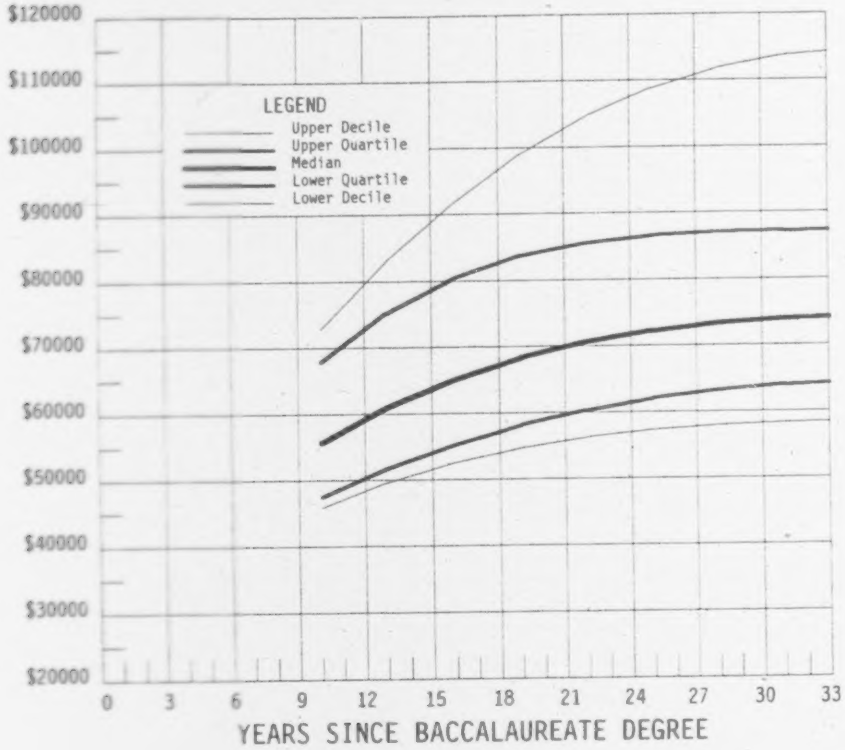
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40100	42100	44100	46200	48350	50500	52750	55000	57250	61800	68550	74900	80650	85550	89500	92600	94850	97800	80750	2.2
Upper Quartile	36700	38550	40450	42350	44300	46300	48300	50300	52300	56250	61850	66850	71000	74250	76550	78100	79050	79850	67350	2.2
Median	33900	35450	37050	38700	40350	42000	43650	45300	46950	50200	54750	58850	62250	64900	66900	68300	69200	70150	57300	2.2
Lower Quartile	31650	33050	34500	35950	37400	38850	40250	41700	43100	45750	49400	52450	54850	56550	57700	58350	58700	58800	47750	2.2
Lower Decile	28500	30400	32200	33900	35450	36900	38200	39400	40450	42200	44100	45300	46000	46450	46700	46800	46850	46850	39950	5.4
Mean	34300	35950	37650	39400	41150	42900	44700	46500	48250	51750	56750	61150	64850	67750	69850	71300	72200	73050	60200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39850	43950	45650	46500	46800	43950	49250	66400	66750	63800	67300	70750	74400	103550	89850	79800	88550	108400	80750	
Upper Quartile	34150	39850	42800	45150	43950	40650	46250	61900	64850	58050	59650	65150	65750	71150	85050	75850	75600	83200	67350	
Median	33050	33650	38450	40500	40400	39650	43250	43900	51450	53500	53400	60550	59400	61350	69150	67050	69750	72700	57300	
Lower Quartile	32100	31250	33850	35800	36250	38650	40250	41700	45300	47250	48300	53350	54150	54600	57900	60950	57950	58800	47750	
Lower Decile	29050	30400	32050	33600	31450	38050	34750	38650	40500	41700	45350	47600	46400	48900	50350	54800	48500	33900	39950	
Mean	33750	35850	38600	40550	40100	40200	43300	49200	53300	53750	54900	59950	61300	70100	74850	69100	69600	73200	60200	
Supporting Data																				
Total Number	118	78	95	218	102	264	100	241	183	767	1027	607	713	685	803	538	341	577	7456	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	5	63	61	4	4	11	147	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

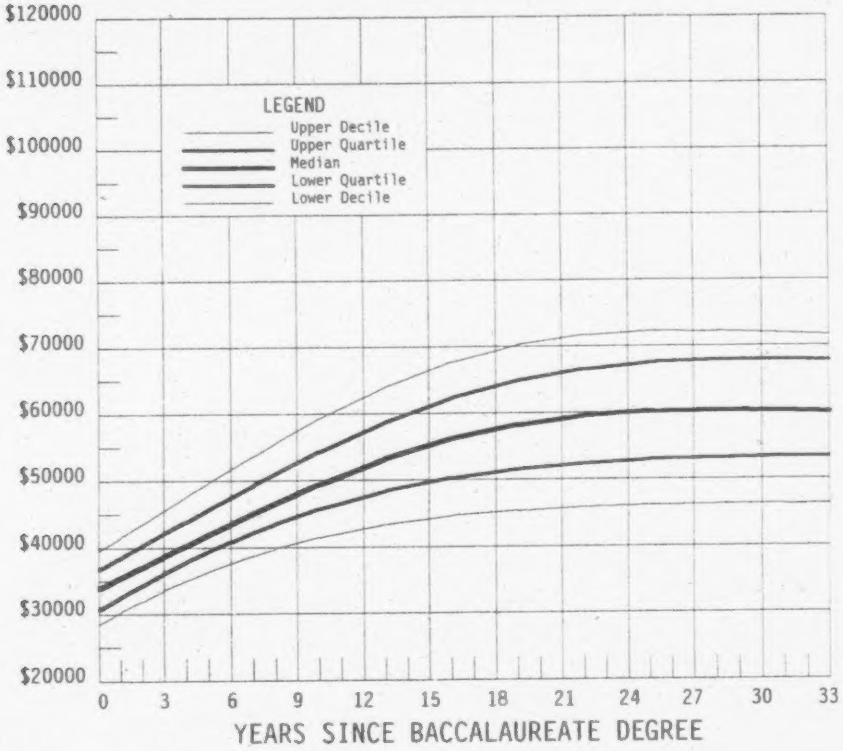
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	72850	82850	91700	99000	104650	108850	111750	113650	115600	99300	3.0
Upper Quartile	0	0	0	0	0	0	0	0	0	67800	75200	80400	83700	85550	86500	87000	87200	87300	81950	3.2
Median	0	0	0	0	0	0	0	0	0	55700	60900	65100	68300	70650	72250	73350	74000	74600	68300	3.2
Lower Quartile	0	0	0	0	0	0	0	0	0	47550	51750	55300	58150	60350	62000	63200	64000	64850	58800	2.8
Lower Decile	0	0	0	0	0	0	0	0	0	45800	49650	52650	54800	56300	57300	57950	58300	58650	49850	3.2
Mean	0	0	0	0	0	0	0	0	0	57900	64200	69400	73500	76500	78700	80150	81100	82000	74050	3.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	67150	0	78600	67550	83400	93900	149850	125550	86350	93400	118050	99300	
Upper Quartile	0	0	0	0	0	0	0	65900	0	76400	65450	73000	78350	93400	86950	78950	80700	101900	81950	
Median	0	0	0	0	0	0	0	56200	0	54400	58850	66700	66150	68150	72200	75550	67700	82600	68300	
Lower Quartile	0	0	0	0	0	0	0	42550	0	43300	52800	64550	61650	63300	58900	72100	49850	72850	58800	
Lower Decile	0	0	0	0	0	0	0	41600	0	41850	51000	58700	60000	57700	54200	65050	48100	64450	49850	
Mean	0	0	0	0	0	0	0	54200	0	57400	60000	69400	73050	85750	79350	77100	70100	87800	74050	
Supporting Data																				
Total Number	0	1	1	6	2	5	4	122	6	214	251	151	185	316	606	254	225	300	2648	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	5	63	61	4	4	11	147	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

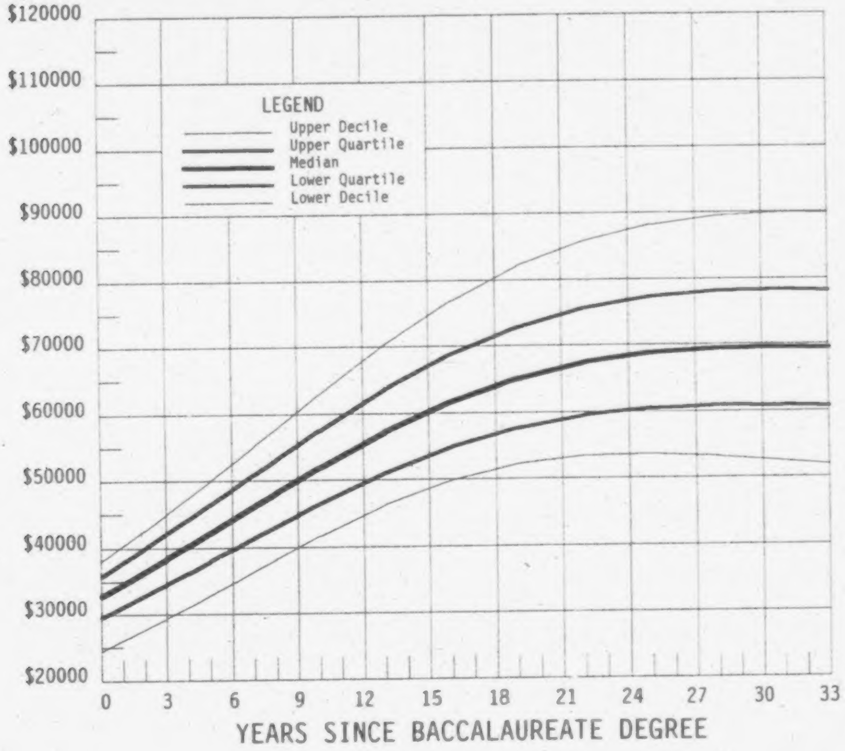
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39600	41550	43550	45600	47650	49650	51700	53650	55600	59250	64000	67700	70250	71700	72300	72250	71900	70700	67150	2.2
Upper Quartile	36750	38500	40300	42100	43900	45700	47500	49250	51000	54300	58700	62250	64850	66550	67500	67900	67900	67300	60300	2.2
Median	33850	35450	37050	38700	40300	41900	43500	45050	46550	49400	53200	56150	58200	59500	60150	60300	60200	59550	52950	2.2
Lower Quartile	30700	32550	34350	36100	37800	39350	40850	42250	43500	45750	48400	50300	51600	52400	52900	53150	53300	53350	44500	4.8
Lower Decile	28600	30350	32000	33550	35000	36350	37600	38750	39750	41500	43400	44650	45400	45900	46150	46250	46300	46350	37750	5.4
Mean	34200	35850	37500	39200	40850	42550	44150	45750	47300	50250	53950	56800	58700	59750	60100	60000	59650	58650	52600	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39850	43750	45450	46450	46650	43450	49000	52350	66800	61400	66350	65600	67200	69450	73350	68950	75650	74700	67150	
Upper Quartile	34150	39700	42600	45100	43900	40650	46000	48800	64950	57300	57200	62300	63250	62050	66800	65750	74450	72300	60300	
Median	33050	33600	38350	40350	40250	39650	43050	43400	51250	53000	50800	57850	57050	55250	60150	61950	72500	58750	52950	
Lower Quartile	32100	31250	33800	35750	36200	38650	40000	39450	45100	48400	47500	51400	52500	49850	54350	55700	60600	47600	44500	
Lower Decile	29050	30400	32000	33550	31400	38050	34600	35450	40300	41500	44700	45850	45700	47650	50100	53750	55900	32900	37750	
Mean	33750	35600	38500	40400	39850	40000	43100	44100	53200	52350	53250	56800	57200	56750	61100	61950	68650	57300	52600	
Supporting Data																				
Total Number	118	77	94	212	100	259	96	120	177	553	776	456	528	369	197	284	116	277	4808	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

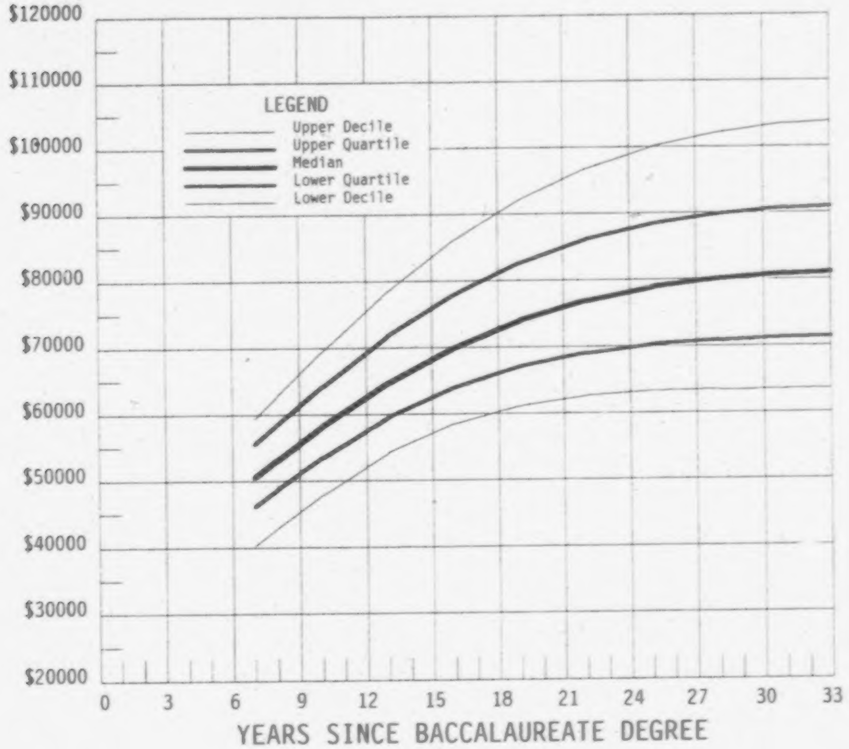
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38100	40350	42650	45000	47500	50000	52550	55150	57750	62900	70300	76850	82050	85850	88250	89550	90000	89700	79500	2.2
Upper Quartile	35900	37900	39950	42100	44250	46450	48650	50900	53100	57500	63600	68800	72800	75650	77350	78150	78350	77850	68300	2.2
Median	32850	34600	36450	38350	40250	42200	44200	46150	48100	51900	57200	61650	65050	67400	68800	69400	69500	69000	56850	2.2
Lower Quartile	29600	31200	32850	34550	36250	38000	39700	41450	43150	46500	51050	54850	57650	59500	60500	60900	60850	60200	47000	2.2
Lower Decile	24600	26150	27750	29450	31150	32900	34700	36450	38250	41650	46250	49850	52250	53400	53600	53200	52450	50650	38550	2.2
Mean	32550	34400	36250	38200	40150	42150	44200	46250	48250	52250	57800	62550	66200	68700	70200	70900	71050	70550	58450	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37200	41500	43250	43950	46900	51150	54100	61900	55700	60750	71250	77650	80450	83600	89050	91200	94450	88850	79500	
Upper Quartile	34800	37500	39750	42050	44950	47750	50100	56450	53450	55150	63450	69350	69200	76800	79550	77850	85350	76200	68300	
Median	31700	34100	36450	38750	40950	43500	46300	48650	49850	49700	56900	62100	63200	68450	69900	68400	74250	68200	56850	
Lower Quartile	27500	30800	32900	35250	37650	39950	40750	43700	44550	45850	50950	54850	52500	59400	62000	61700	62950	60800	47000	
Lower Decile	21350	25350	27450	31700	34750	36600	37300	39600	39500	40700	44850	48050	48400	52350	53900	54500	56250	51700	38550	
Mean	31100	34150	36400	38650	41200	43700	45800	49900	48950	50250	57900	62550	63400	68800	71600	71200	75950	69800	58450	
Supporting Data																				
Total Number	494	433	492	689	673	910	884	1055	1002	3464	2594	2326	2102	2239	1636	1783	995	2525	26298	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	2	3	4	14	10	13	33	81	
Less Than $22000	59	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	118	

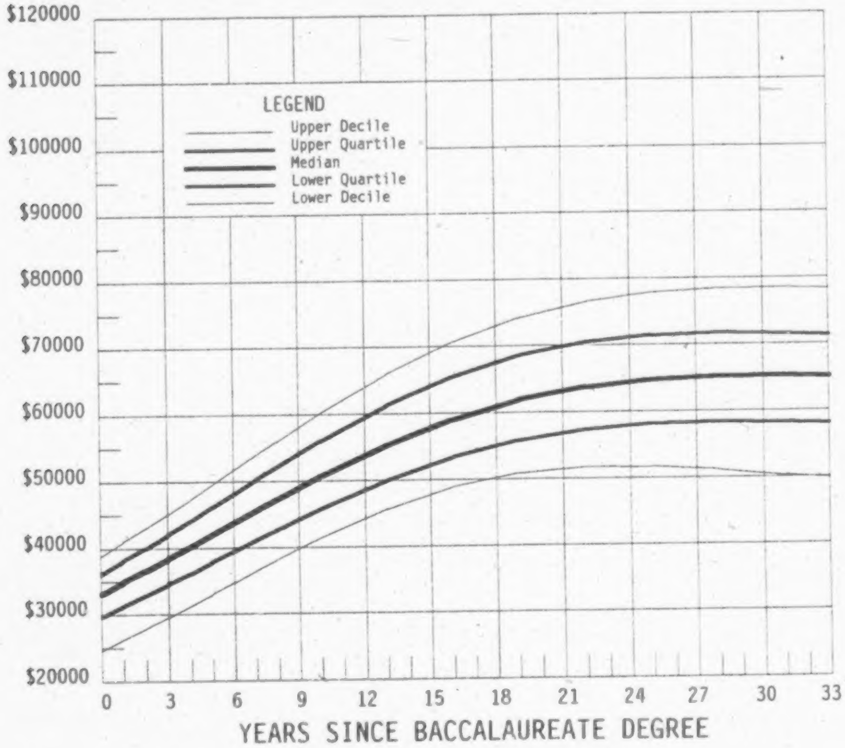
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	59450	62800	69400	78450	86150	92200	96750	99950	102100	103450	104650	94650	3.2
Upper Quartile	0	0	0	0	0	0	0	55500	58450	64150	71750	77950	82650	86050	88350	89850	90750	91600	83450	3.2
Median	0	0	0	0	0	0	0	50550	53150	58150	64700	70000	74000	76850	78800	80050	80800	81500	73250	3.2
Lower Quartile	0	0	0	0	0	0	0	46250	48750	53500	59500	64000	67100	69050	70250	70900	71300	71600	63200	3.2
Lower Decile	0	0	0	0	0	0	0	40250	42900	47900	54150	58550	61200	62600	63250	63450	63500	63500	53000	3.2
Mean	0	0	0	0	0	0	0	50850	53650	59000	66100	71800	76050	79050	81050	82300	83100	83750	74550	3.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	47400	0	0	67450	62700	67650	83050	84150	90250	93500	99050	99200	104800	113150	94650	
Upper Quartile	0	0	0	0	46500	0	0	66400	55400	60700	74900	78500	81300	83150	89100	90450	92450	92450	83450	
Median	0	0	0	0	45600	0	0	64650	52000	52550	66100	72150	71100	77650	82750	77850	83150	79700	73250	
Lower Quartile	0	0	0	0	44750	0	0	54000	50800	48000	60550	64700	65850	70300	72050	68000	72450	72350	63200	
Lower Decile	0	0	0	0	44200	0	0	48150	50100	40150	55250	58300	61150	64200	64300	61450	63250	64950	53000	
Mean	0	0	0	0	46000	0	0	60350	54300	54300	68000	72150	74250	78550	83100	80550	84400	84950	74550	
Supporting Data																				
Total Number	6	2	3	17	100	34	35	102	115	435	604	632	627	845	571	664	500	616	5908	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	2	2	4	11	9	12	28	70	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

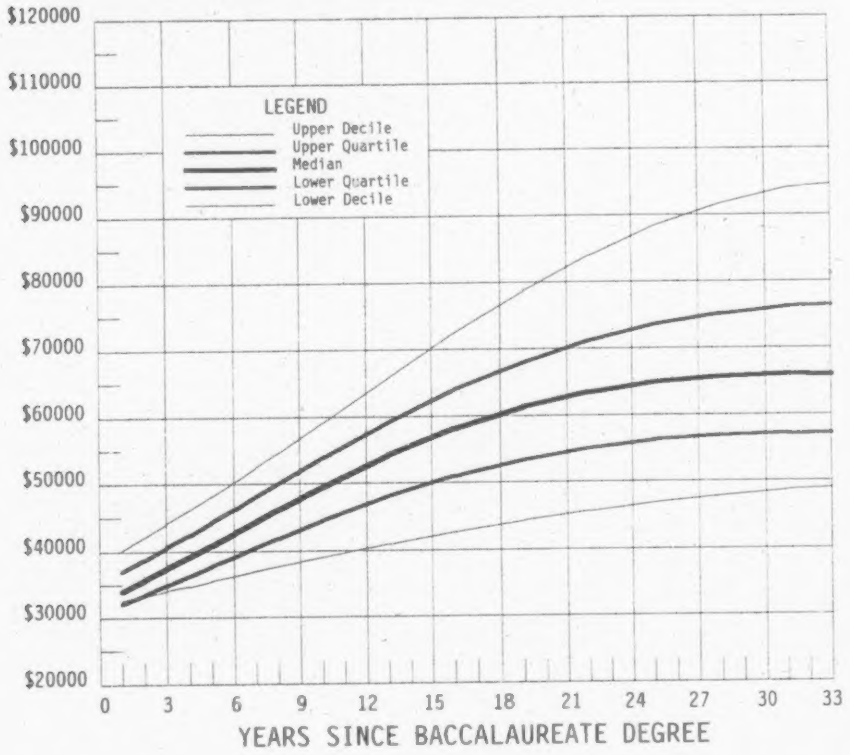
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38850	40900	43000	45150	47300	49500	51700	53850	56000	60200	65900	70650	74200	76550	77850	78400	78450	77750	70950	2.2
Upper Quartile	36100	38050	40000	42000	44050	46100	48100	50150	52150	56000	61200	65400	68500	70450	71450	71750	71600	70650	62900	2.2
Median	33150	34850	36600	38350	40150	41950	43700	45500	47250	50650	55200	59000	61800	63700	64750	65200	65250	64700	52900	2.2
Lower Quartile	29700	31300	32900	34500	36150	37800	39450	41100	42700	45800	50000	53350	55800	57350	58150	58350	58250	57500	44250	2.2
Lower Decile	24800	26350	27950	29600	31300	33000	34750	36450	38150	41400	45650	48900	50900	51750	51700	51150	50300	48450	36850	2.2
Mean	32900	34600	36400	38200	40000	41850	43650	45500	47300	50750	55400	59200	62000	63750	64700	65000	64850	64100	53800	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37200	41400	43100	43950	46750	50800	53650	59400	55450	59600	66500	70050	69650	75100	77150	78150	81950	79800	70950	
Upper Quartile	34800	37500	39700	41900	43400	47350	49850	55200	53400	54500	60850	65350	65350	70050	72400	71700	74650	71300	62900	
Median	31750	34100	36450	38600	40000	43300	45950	47900	49000	49500	54550	59050	59500	62400	65650	65200	68150	65500	52900	
Lower Quartile	27500	30800	32850	35150	37050	39800	40650	43200	43650	45400	49350	53550	50750	57000	59200	60000	57850	58750	44250	
Lower Decile	21300	25350	27400	31650	34400	36500	37250	39300	39050	40950	43950	46100	47500	50200	51800	52000	52150	50600	36850	
Mean	31100	34150	36250	38500	40350	43450	45500	48800	48250	49700	54850	59000	58800	62850	65450	65650	67400	64900	53800	
Supporting Data																				
Total Number	488	431	489	672	573	876	849	953	887	3029	1990	1694	1475	1394	1065	1120	495	1910	20390	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	1	6	11	
Less Than $22000	59	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	118	

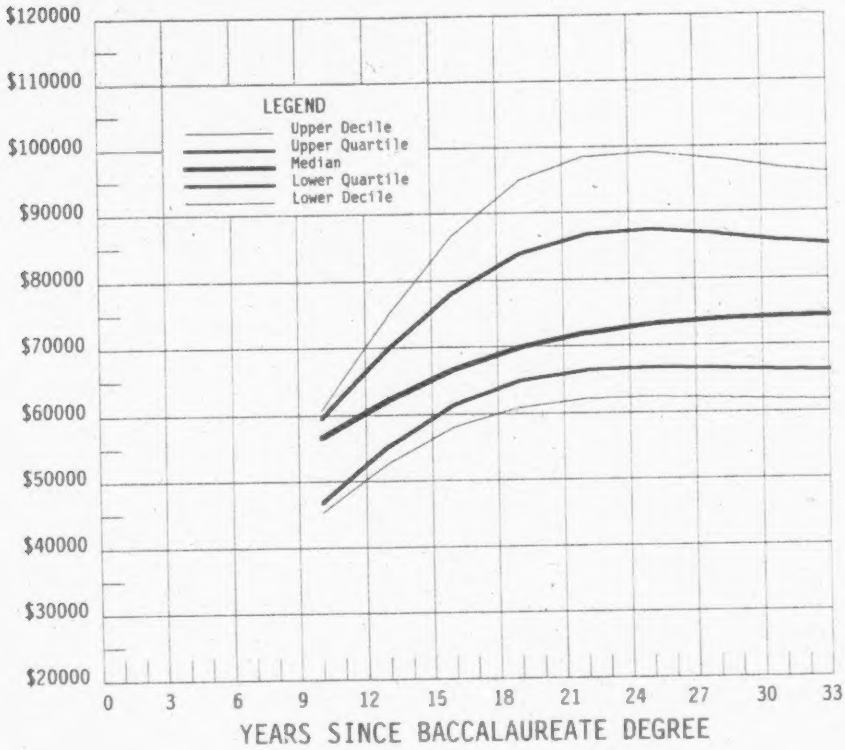
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	40250	42150	44100	46100	48150	50250	52400	54550	59050	65800	72450	78600	84000	88400	91750	94050	96250	74500	3.2
Upper Quartile	0	36950	38750	40550	42400	44300	46200	48100	50000	53800	59150	63950	68000	71200	73500	75100	76100	77050	63000	2.2
Median	0	34000	35650	37400	39100	40850	42600	44350	46100	49450	54150	58100	61250	63450	64900	65700	66050	66000	52350	2.2
Lower Quartile	0	32100	33450	34900	36300	37700	39100	40500	41850	44450	48050	51000	53350	55050	56200	56850	57150	57300	43250	2.2
Lower Decile	0	32550	33300	34050	34750	35500	36250	36950	37650	39000	40950	42700	44300	45650	46850	47850	48650	49850	36700	2.2
Mean	0	34800	36450	38100	39750	41450	43150	44850	46550	49900	54600	58800	62300	65050	67100	68450	69300	70150	55100	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	37950	43300	48600	44550	46050	45950	52150	52250	59000	67450	67950	73100	135750	80700	81450	88900	90600	74500	
Upper Quartile	0	33100	41900	41600	43150	42300	42400	50200	49500	53250	62500	61850	65400	72450	70650	72100	80600	78850	63000	
Median	0	31400	36000	38450	41700	40050	39600	43350	47700	50250	56650	56100	60350	60350	60500	65700	71000	68700	52350	
Lower Quartile	0	30650	34600	35250	38450	38700	31850	38950	43850	46450	51150	51350	51750	53550	46150	59000	64500	61000	43250	
Lower Decile	0	30200	33050	34300	34850	37550	30700	36650	40250	39700	46850	45400	47900	31550	40100	56700	58650	55800	36700	
Mean	0	32850	37800	39550	40900	40800	38850	44200	47000	49900	57300	57100	60350	70000	60700	67300	73050	71400	55100	
Supporting Data																				
Total Number	36	167	298	408	226	246	317	451	273	1258	1108	469	619	653	594	471	333	612	8540	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	83	1	0	3	8	95	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

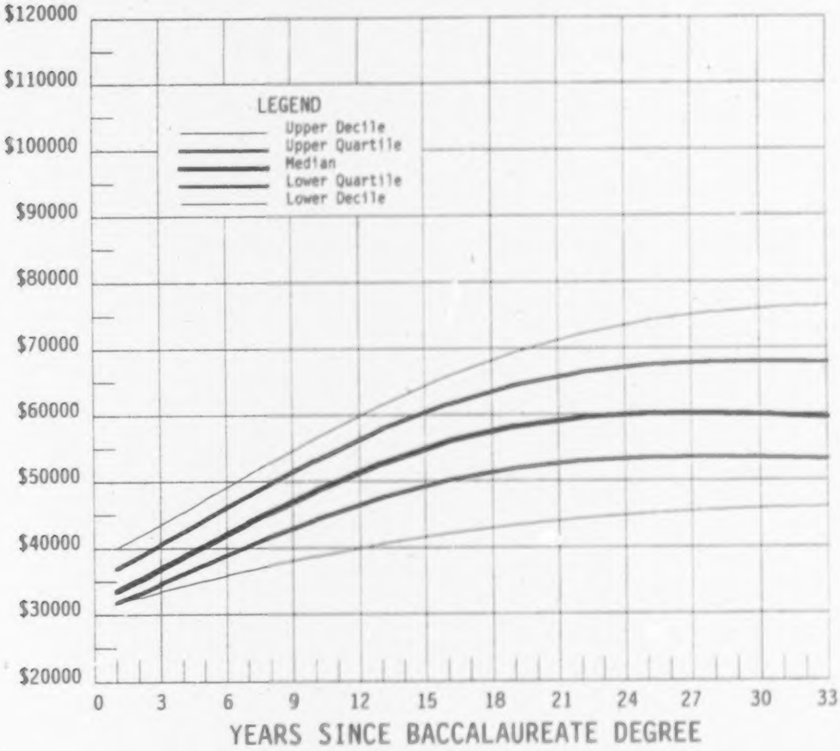
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	60650	74850	86900	94850	98550	99150	98100	96600	94050	93050	2.8
Upper Quartile	0	0	0	0	0	0	0	0	0	59400	69850	78300	83950	86700	87350	86700	85650	83450	78700	2.6
Median	0	0	0	0	0	0	0	0	0	56600	62200	66650	69850	72000	73250	74000	74350	74650	65850	2.8
Lower Quartile	0	0	0	0	0	0	0	0	0	46750	55350	61450	64900	66350	66650	66500	66250	65900	60300	3.2
Lower Decile	0	0	0	0	0	0	0	0	0	45200	52800	58100	60950	62150	62350	62150	61900	61550	44650	3.2
Mean	0	0	0	0	0	0	0	0	0	53900	63600	71050	75750	78100	78800	78650	78250	77500	71050	3.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	63300	66050	86150	83100	161900	92250	86300	91850	98600	93050	
Upper Quartile	0	0	0	0	0	0	0	0	0	61850	63200	75550	72050	142300	81550	76200	83300	86500	78700	
Median	0	0	0	0	0	0	0	0	0	57050	61650	65450	63500	86450	74250	67550	73800	76450	65850	
Lower Quartile	0	0	0	0	0	0	0	0	0	45950	60050	58250	61600	69150	65950	65350	65600	67600	60300	
Lower Decile	0	0	0	0	0	0	0	0	0	44750	55350	55300	60450	62000	61650	64050	60150	62250	44650	
Mean	0	0	0	0	0	0	0	0	0	54700	61700	68100	68250	103400	75900	71900	75950	80250	71050	
Supporting Data																				
Total Number	0	0	83	83	2	6	2	13	8	217	148	81	199	218	178	227	205	236	1905	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	83	1	0	3	8	95	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

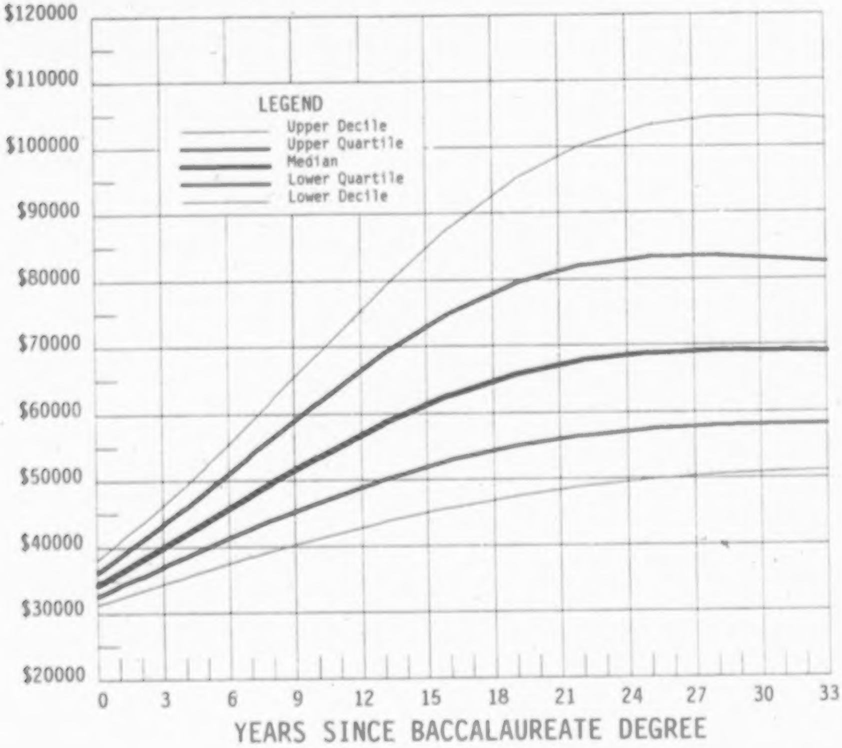
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	39950	41750	43550	45400	47300	49150	51000	52850	56450	61500	65900	69450	72200	74150	75450	76200	76900	66350	2.2
Upper Quartile	0	36950	38700	40550	42400	44250	46100	47900	49700	53150	57800	61600	64450	66350	67450	67900	67900	67400	57550	2.2
Median	0	33500	35200	36900	38600	40350	42050	43750	45400	48550	52700	55950	58200	59500	60050	60050	59750	58700	50000	2.2
Lower Quartile	0	31750	33150	34600	36050	37500	38950	40300	41700	44200	47550	50100	51900	52950	53400	53500	53300	52600	41350	2.2
Lower Decile	0	31750	32600	33450	34300	35100	35850	36600	37350	38750	40550	42100	43350	44350	45050	45600	45950	46350	35450	2.2
Mean	0	34650	36250	37850	39450	41000	42600	44150	45700	48600	52450	55600	57950	59500	60400	60800	60900	60500	50500	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	37950	40900	48900	44600	45600	45700	51950	51750	55000	67550	63950	68250	67650	70550	74500	81250	80850	66350	
Upper Quartile	0	33100	37250	47150	43150	42100	42300	50000	49350	52450	61900	59850	62700	61550	63100	68100	73750	72150	57550	
Median	0	31400	35200	36700	41650	40000	39550	43150	47650	50050	54900	54900	55500	55150	53600	59350	67550	65350	50000	
Lower Quartile	0	30650	34200	34950	38450	38700	31850	38500	43750	47000	50800	50300	49100	48600	44600	57250	62950	58100	41350	
Lower Decile	0	30200	32450	34150	34850	37450	30700	36600	40150	37950	46200	44500	47400	31050	39450	55850	56250	52400	35450	
Mean	0	32850	36000	39550	40850	40650	38750	43900	46700	48950	56600	54800	56600	53300	54250	63000	68450	65860	50500	
Supporting Data																				
Total Number	36	167	216	326	225	241	315	438	265	1041	959	388	420	435	417	244	129	376	6635	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

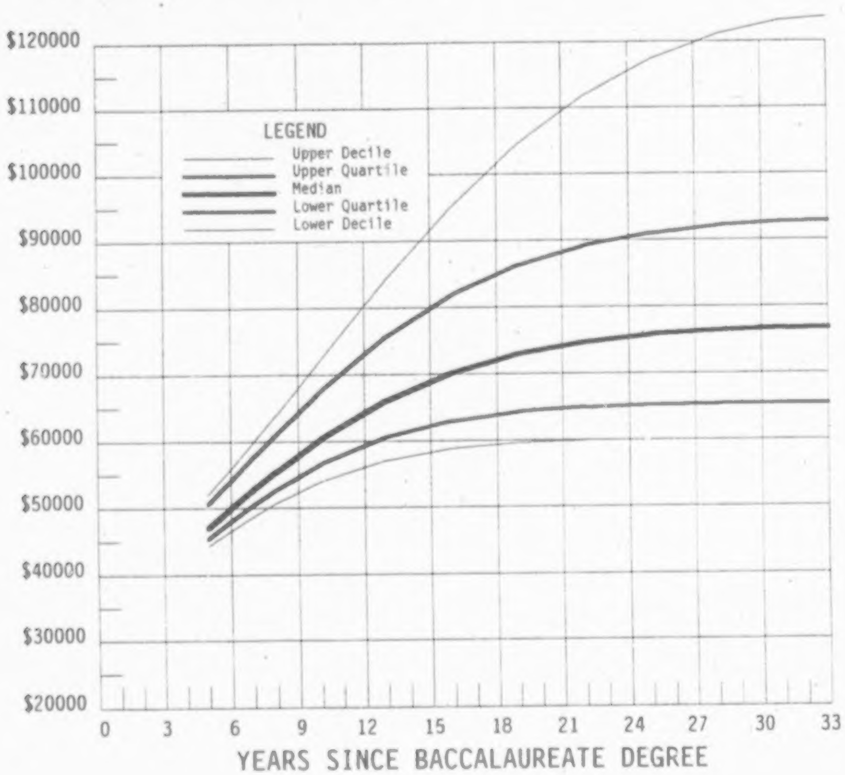
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38200	40750	43450	46250	49200	52300	55450	58750	62050	68850	78800	87800	95050	100150	103200	104500	104650	103150	83000	2.2
Upper Quartile	36250	38500	40900	43300	45850	48450	51050	53700	56350	61600	68900	74950	79400	82100	83300	83450	82900	81000	68100	2.2
Median	34300	36150	38050	39950	41900	43850	45800	47750	49700	53400	58500	62650	65700	67750	68800	69200	69150	68350	54550	2.2
Lower Quartile	32700	34150	35550	37000	38450	39900	41300	42650	44050	46600	50050	52900	55000	56500	57450	57950	58100	58050	44300	2.2
Lower Decile	31400	32400	33450	34500	35500	36500	37500	38450	39400	41200	43650	45750	47500	48900	49900	50600	51050	51450	38100	3.6
Mean	34750	36600	38500	40450	42450	44500	46500	48550	50600	54550	60100	64850	68600	71250	72900	73750	74100	73850	58500	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	35850	43550	45600	46850	49950	50450	52900	64350	65900	70100	79250	82400	90800	96000	105700	97150	107700	111250	83000	
Upper Quartile	33900	42150	41800	43750	47750	46450	49700	56750	61000	60600	71100	71350	75950	77400	86450	80300	85750	84400	68100	
Median	33250	33850	38000	42200	44600	44600	43750	50400	52200	52900	57650	64250	63200	61500	70700	69250	73300	70050	54550	
Lower Quartile	32550	32850	34750	37600	39350	42100	40750	44050	43550	46100	48800	56300	53800	50350	62150	61050	60200	56250	44300	
Lower Decile	32150	32300	30950	34650	36400	38800	33450	40100	40450	41650	43300	45800	45650	47550	57150	53850	49000	47050	38100	
Mean	33800	37000	38350	41500	43750	44600	44400	50700	52600	54500	59750	64700	66200	67100	77500	73150	76200	74050	58500	
Supporting Data																				
Total Number	477	379	460	649	612	751	790	648	829	2108	2019	1310	1105	1062	1179	788	553	1096	16814	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	8	16	74	20	22	40	180	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	

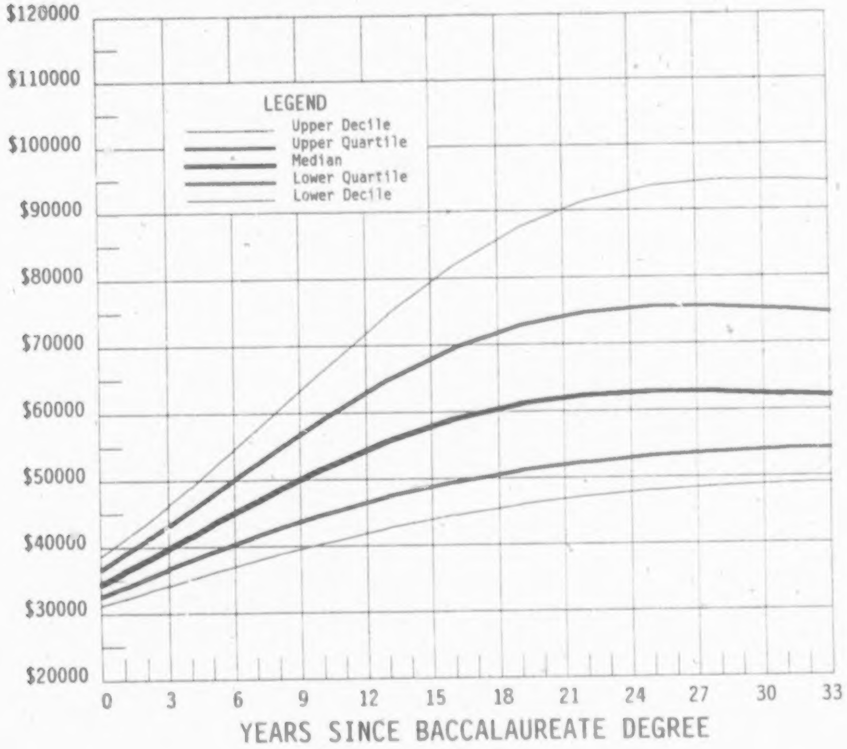
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	52000	55900	59900	64000	72200	84250	95250	104600	111950	117350	121000	123200	125000	96300	3.8
Upper Quartile	0	0	0	0	0	50500	54100	57650	61100	67500	75700	81900	86300	89200	91000	92100	92700	93100	82250	4.2
Median	0	0	0	0	0	47100	50000	52800	55450	60300	66100	70250	73000	74700	75750	76350	76700	76900	68650	4.0
Lower Quartile	0	0	0	0	0	45500	48100	50500	52750	56550	60600	63000	64300	64950	65250	65350	65400	65450	58400	4.0
Lower Decile	0	0	0	0	0	44300	46650	48800	50750	53950	57150	58850	59650	59950	60000	60000	60000	59950	46600	4.0
Mean	0	0	0	0	0	47700	50750	53750	56650	62100	69100	74600	78600	81400	83200	84300	84950	85400	72300	4.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	46450	52450	66550	63350	82050	88950	84400	112750	110000	125400	116250	114700	121550	96300	
Upper Quartile	0	0	0	0	0	45050	51000	64300	59450	77550	82800	71950	92600	87000	87650	90400	89700	104750	82250	
Median	0	0	0	0	0	43350	45750	56[illegible]0	58100	63200	74900	69300	80450	64300	73350	76350	77000	83050	68650	
Lower Quartile	0	0	0	0	0	42150	43350	51800	56750	59200	66150	64800	71250	60550	63950	73300	49600	71400	58400	
Lower Decile	0	0	0	0	0	41450	41900	50650	55350	56100	58800	61450	63050	57650	61500	69150	48050	58150	46600	
Mean	0	0	0	0	0	43950	47000	57350	58850	66850	74650	71100	84650	76550	82950	85400	78350	88800	72300	
Supporting Data																				
Total Number	0	0	1	3	3	260	267	220	121	426	303	495	192	318	688	208	201	385	4090	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	8	13	69	15	13	27	145	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

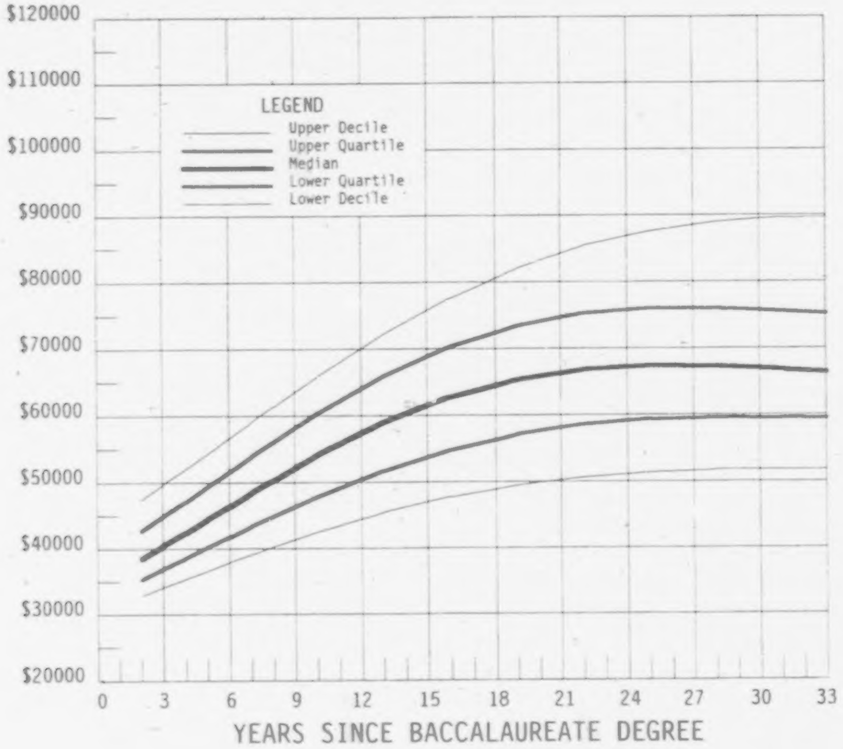
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38700	41100	43600	46250	48950	51750	54600	57500	60400	66250	74600	81850	87550	91450	93650	94550	94550	93300	74900	2.2
Upper Quartile	36700	38850	41000	43200	45450	47750	50050	52350	54600	58950	64850	69550	72850	74750	75550	75500	75050	73450	62350	2.2
Median	34450	36200	37950	39700	41500	43300	45050	46750	48450	51650	55750	58950	61100	62300	62750	62700	62300	61200	50150	2.2
Lower Quartile	32550	33950	35300	36650	37950	39200	40400	41550	42700	44750	47400	49500	51150	52350	53250	53800	54150	54450	42750	3.6
Lower Decile	31250	32250	33250	34200	35150	36100	37000	37900	38800	40400	42600	44500	46000	47200	48050	48650	49000	49350	35600	3.6
Mean	35050	36750	38450	40250	42000	43800	45550	47350	49050	52400	57000	60800	63750	65800	67050	67700	67950	67750	54050	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	35850	43550	45550	46850	49950	52000	54100	58100	66000	63450	74900	80850	83900	90500	97850	92500	103400	93550	74900	
Upper Quartile	33900	42150	41750	43750	47700	47000	47950	51300	61700	56950	65200	69400	70050	72350	78800	73000	81150	74600	62350	
Median	33250	33850	38000	42200	44600	45300	42450	46700	49500	51000	55750	60600	58850	56200	63900	65650	72550	60150	50150	
Lower Quartile	32550	32850	34750	37600	39300	41800	37450	42100	42900	43650	47750	49300	53050	48850	57900	57150	61600	49000	42750	
Lower Decile	32150	32300	30950	34650	36400	36850	32950	38450	39700	41300	42750	44000	45150	47050	46800	53150	52950	45850	35600	
Mean	33800	37000	38250	41450	43700	45000	43100	47300	51500	51400	57100	60800	62300	63050	69900	68800	74950	66100	54050	
Supporting Data																				
Total Number	477	379	459	646	609	491	523	428	708	1682	1716	815	913	745	490	580	352	712	12724	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	3	5	4	9	13	35	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	

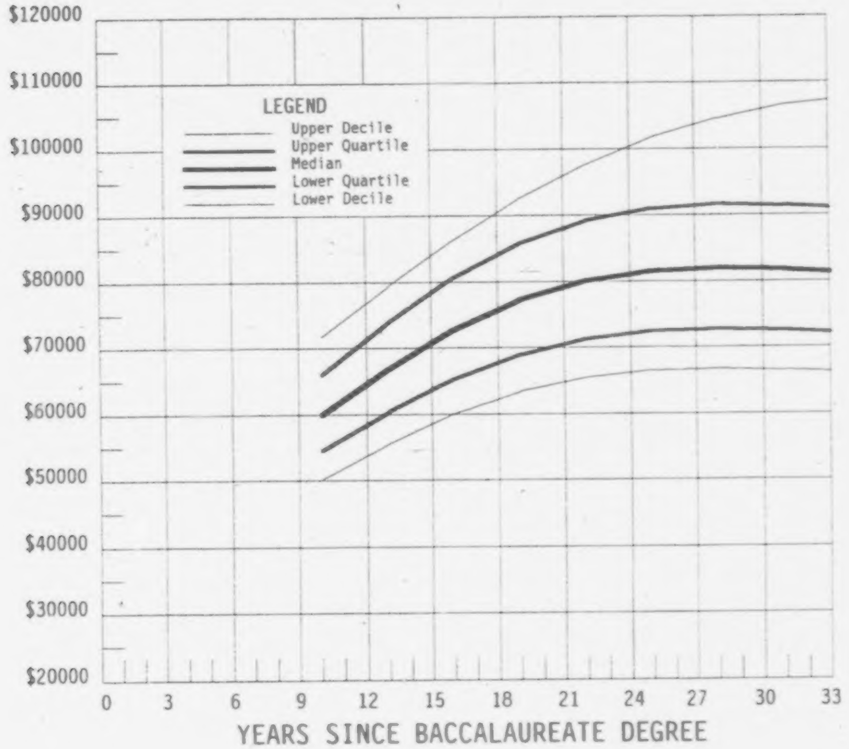
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	47450	49700	52000	54300	56650	58950	61300	65800	72150	77600	82050	85350	87550	88950	89650	90000	76250	2.2
Upper Quartile	0	0	42650	44850	47100	49350	51600	53800	56000	60250	65850	70300	73400	75250	76000	76000	75550	74100	67300	2.2
Median	0	0	38450	40400	42400	44400	46400	48400	50300	54050	58900	62750	65350	66800	67350	67250	66800	65400	57800	2.2
Lower Quartile	0	0	35300	36900	38500	40150	41750	43300	44850	47800	51700	54800	57100	58550	59350	59600	59550	59000	48750	2.2
Lower Decile	0	0	32850	34150	35400	36650	37900	39100	40300	42500	45450	47800	49550	50700	51400	51750	51800	51600	41150	2.2
Mean	0	0	39550	41400	43300	45150	47050	48900	50700	54200	58950	62850	65800	67800	68900	69450	69500	69050	59000	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	48100	47650	51850	53950	56200	59650	62000	66350	72150	76550	82900	84800	86100	88350	91700	90650	76250	
Upper Quartile	0	0	42700	43700	46850	49750	51750	54900	56900	61000	66000	69600	72550	73150	73500	76000	77550	76900	67300	
Median	0	0	37700	39750	42200	44500	46450	49300	51700	54750	58950	61700	64250	65450	65700	67650	68150	67350	57800	
Lower Quartile	0	0	35150	36100	38500	39950	41550	43900	45850	48600	52150	53500	55700	56700	59450	59700	61050	60350	48750	
Lower Decile	0	0	32700	33650	35450	36800	38400	40550	40750	42750	45750	46500	48850	49650	51400	52300	52700	52400	41150	
Mean	0	0	39450	40350	43250	45300	47000	49750	51550	54800	59200	61850	65250	66450	67500	69250	71400	70750	59000	
Supporting Data																				
Total Number	136	184	296	428	443	678	674	896	1017	2939	2486	1967	1473	1535	1434	997	810	1189	19583	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	6	6	7	5	12	20	56	
Less Than $22000	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

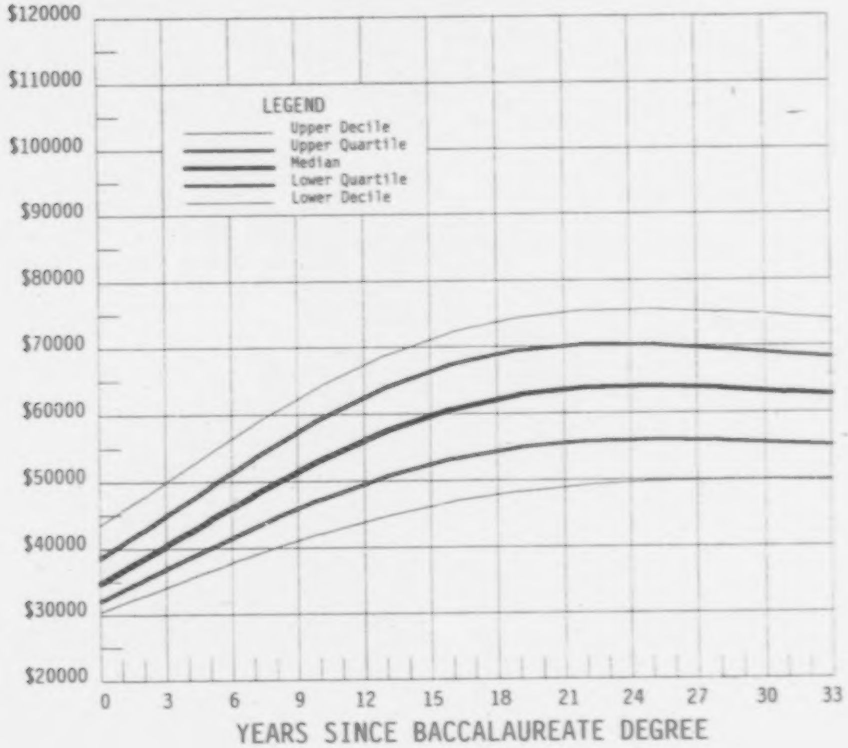
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	71700	79300	86300	92500	97600	101650	104600	106700	109200	94650	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	66000	73900	80650	85800	89200	91000	91650	91450	90050	85400	2.2
Median	0	0	0	0	0	0	0	0	0	59900	66900	72750	77200	80050	81500	81950	81700	80300	75350	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	54500	60400	65300	68950	71300	72450	72750	72550	71350	67000	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	50200	55600	60100	63400	65500	66550	66800	66550	65400	60800	2.2
Mean	0	0	0	0	0	0	0	0	0	60650	67550	73500	78250	81550	83600	84600	84950	84400	77800	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	74850	82500	85450	91250	96600	96400	98300	112800	116650	94650	
Upper Quartile	0	0	0	0	0	0	0	0	0	70050	76400	79450	84150	86650	89050	89950	93350	94200	85400	
Median	0	0	0	0	0	0	0	0	0	64400	68300	72800	75700	76500	80150	80450	84250	83850	75350	
Lower Quartile	0	0	0	0	0	0	0	0	0	58800	61750	65200	67150	68700	70900	72550	73650	74550	67000	
Lower Decile	0	0	0	0	0	0	0	0	0	53550	57500	60200	61350	62650	65150	67900	66650	68450	60800	
Mean	0	0	0	0	0	0	0	0	0	64100	69400	72950	77000	79350	81500	82700	86950	88400	77800	
Supporting Data																				
Total Number	5	1	2	5	4	11	9	22	31	191	361	396	420	464	378	315	260	319	3193	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	6	6	5	4	11	17	49	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

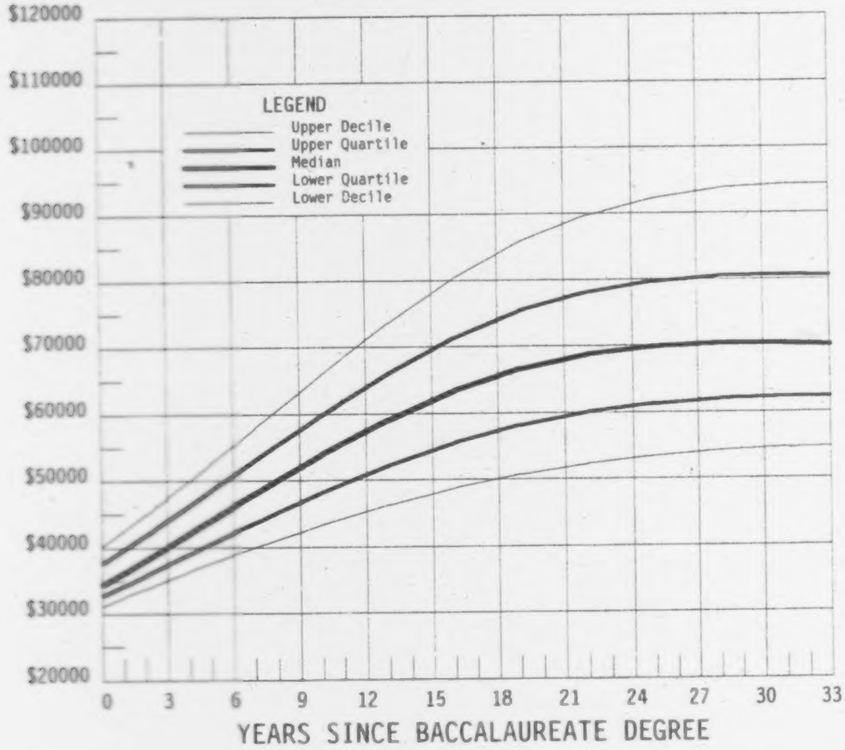
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43500	45650	47800	50000	52200	54350	56450	58500	60500	64200	68850	72300	74400	75450	75600	75200	74500	72800	70050	2.2
Upper Quartile	38500	40600	42750	44900	47050	49200	51350	53450	55450	59250	64000	67450	69500	70350	70250	69600	68700	66650	63500	2.2
Median	34800	36650	38500	40400	42300	44200	46100	47950	49750	53150	57500	60700	62800	63800	64000	63650	63000	61450	54900	2.2
Lower Quartile	32150	33700	35300	36850	38450	40000	41550	43050	44550	47250	50700	53300	54950	55800	56000	55850	55400	54300	47050	2.2
Lower Decile	30450	31700	32950	34150	35400	36600	37800	38900	40050	42100	44750	46850	48350	49250	49750	49950	49900	49550	40000	2.2
Mean	36050	37850	39600	41450	43250	45000	46750	48500	50150	53250	57250	60200	62150	63150	63450	63250	62800	61550	55300	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	47300	47800	47600	51550	53600	55800	59200	61300	65150	69800	71900	73400	72800	73300	74500	75000	76200	70050	
Upper Quartile	0	40450	42600	43650	46750	49600	51550	54600	56450	60150	64150	66450	67800	68000	68300	69300	69850	70050	63500	
Median	0	35450	37700	39700	42100	44400	46350	49100	51400	54150	57350	59150	60500	61700	62800	63700	64600	64450	54900	
Lower Quartile	0	32750	35100	36100	38450	39900	41450	43800	45600	48250	51200	51500	53250	53350	55950	55350	57100	56600	47050	
Lower Decile	0	30850	32650	33600	35450	36750	38400	40450	40600	42550	44850	45450	47050	47200	50100	50600	51200	50950	40000	
Mean	0	37350	39300	40250	43050	45100	46800	49500	51200	54150	57450	59050	60600	60850	62450	63000	64000	64300	55300	
Supporting Data																				
Total Number	131	183	295	423	439	667	665	874	986	2748	2125	1572	1053	1070	1056	682	550	871	16390	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	3	7	
Less Than $22000	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

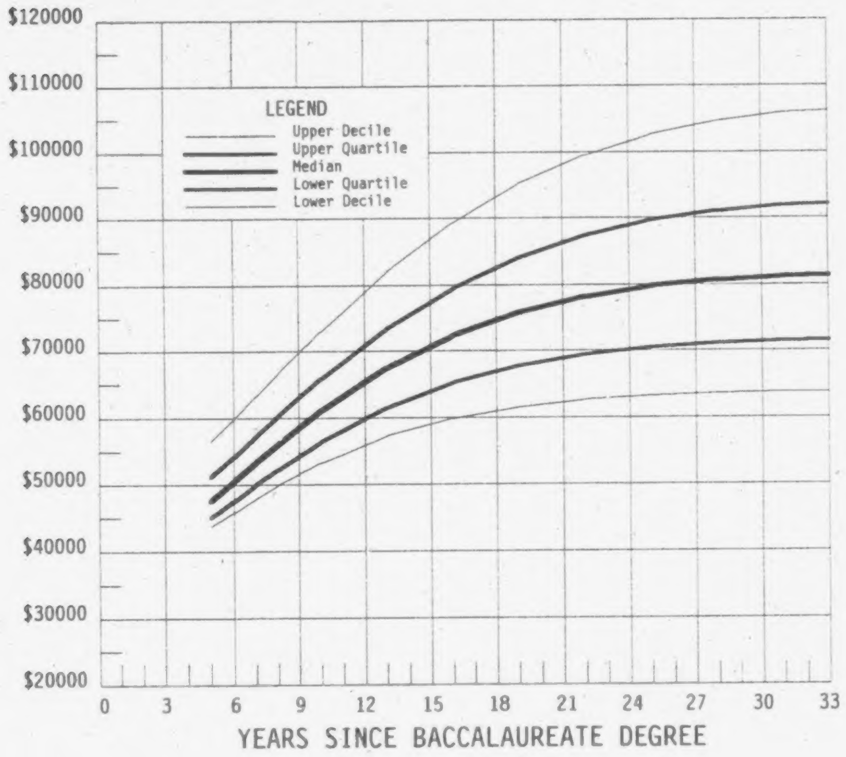
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PACIFIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40250	42550	44950	47400	49950	52550	55200	57900	60600	65950	73600	80300	85750	89750	92300	93700	94300	94150	82050	2.2
Upper Quartile	37650	39700	41850	44050	46250	48550	50800	53100	55400	59850	66050	71300	75300	78100	79700	80450	80600	80000	70150	2.2
Median	34400	36250	38150	40100	42050	44050	46050	48050	50050	53900	59100	63400	66650	68750	69850	70300	70250	69450	58850	2.2
Lower Quartile	32750	34300	35850	37400	39000	40600	42150	43700	45250	48200	52200	55600	58200	60100	61300	62000	62300	62300	47550	2.2
Lower Decile	31250	32550	33850	35150	36400	37650	38850	40000	41150	43350	46300	48750	50750	52300	53400	54200	54650	55100	40650	3.6
Mean	35150	37000	38850	40800	42750	44750	46750	48700	50700	54550	59900	64500	68050	70600	72200	73050	73400	73200	60450	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39750	43250	45750	46100	49700	52650	54050	64150	60950	63650	76250	79450	84750	86850	93750	95000	96900	93650	82050	
Upper Quartile	36700	41150	42250	43450	47000	47750	51100	57150	55650	58350	67300	70850	71900	77200	83700	80200	84150	78700	70150	
Median	33500	34350	37900	41650	43750	45000	46700	50850	50900	52050	58700	64100	65100	67300	71650	69250	73750	69300	58850	
Lower Quartile	32650	32850	36050	37000	39250	42250	42150	45600	45250	47700	50700	57650	56750	58000	63400	63150	64750	61250	47550	
Lower Decile	32100	32100	31450	34850	36850	39350	37950	41350	41750	42800	44900	51700	49350	50500	55750	57950	56800	51900	40650	
Mean	34750	36400	38750	41000	43300	45800	46350	51450	51200	53250	59700	64950	66450	68900	75700	73100	76350	72000	60450	
Supporting Data																				
Total Number	754	602	820	1063	865	1401	1352	1346	1217	3760	3251	2906	2503	2960	2482	2204	1511	3239	34235	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	1	10	17	77	20	30	37	194	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	

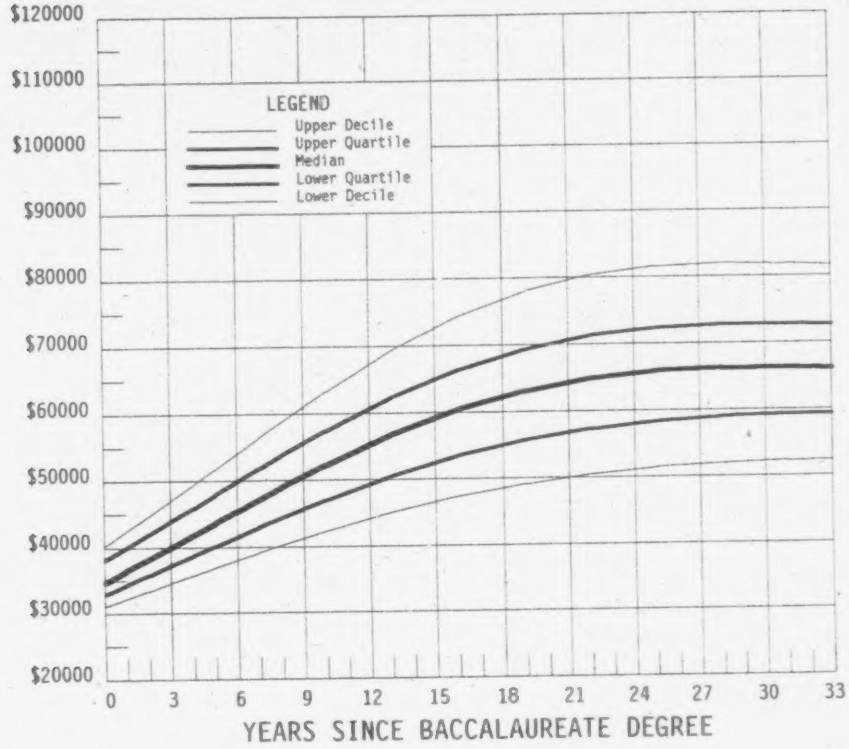
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	56500	59900	63250	66600	73050	81900	89300	95150	99550	102600	104700	105950	107000	96350	3.6
Upper Quartile	0	0	0	0	0	51150	54200	57250	60200	65850	73350	79400	84000	87350	89650	91100	91950	92650	83800	3.8
Median	0	0	0	0	0	47600	50500	53300	56000	61050	67450	72300	75800	78200	79750	80700	81200	81600	72750	4.0
Lower Quartile	0	0	0	0	0	45050	47550	50000	52250	56400	61500	65200	67700	69400	70450	71100	71450	71700	63050	4.0
Lower Decile	0	0	0	0	0	43650	45850	47950	49900	53300	57250	59900	61550	62600	63200	63550	63700	63850	53250	4.0
Mean	0	0	0	0	0	48950	51850	54650	57400	62500	69050	74100	77850	80400	82100	83150	83750	84200	75250	4.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	62350	52750	67300	64950	77900	84800	84200	94500	96550	102600	103200	105250	115700	96350	
Upper Quartile	0	0	0	0	0	47200	51650	66100	59550	68400	78800	76050	84450	83900	87950	93600	91500	96800	83800	
Median	0	0	0	0	0	44000	47950	64100	58050	62500	69150	70550	73750	77350	80950	80650	80850	82600	72750	
Lower Quartile	0	0	0	0	0	42450	44100	51850	56550	60150	62500	65800	68700	68350	68450	72250	67300	76150	63050	
Lower Decile	0	0	0	0	0	41500	42250	50650	53550	54300	59000	61550	63100	60850	61150	65150	58800	68900	53250	
Mean	0	0	0	0	0	48050	48350	59400	59200	64450	71150	72350	77850	78450	82150	83450	81550	88000	75250	
Supporting Data																				
Total Number	0	0	1	8	8	339	341	238	139	472	666	948	720	1028	1274	714	718	843	8457	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	0	10	14	75	16	21	27	165	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

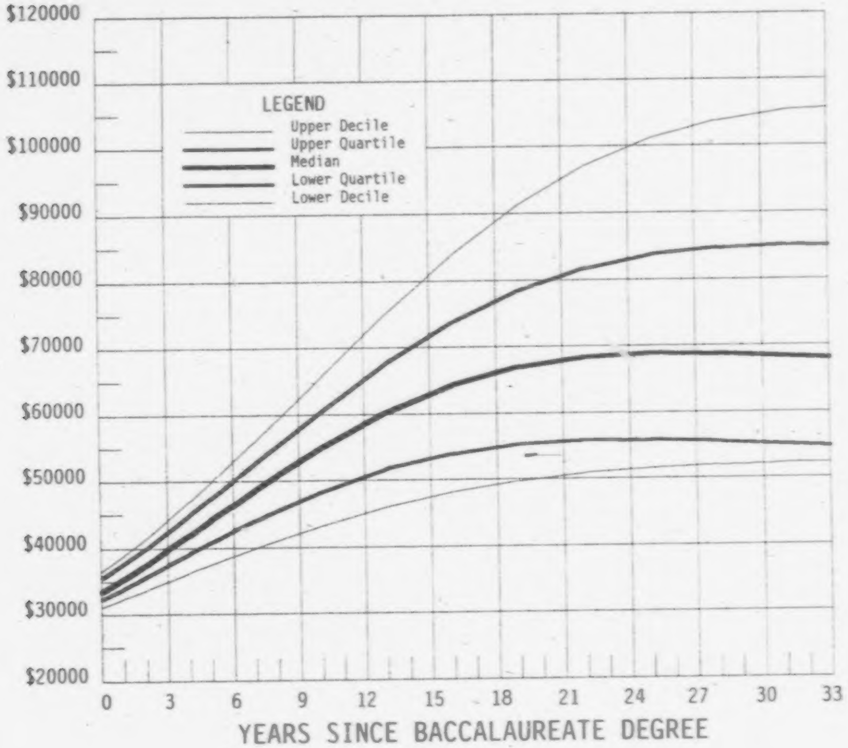
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY

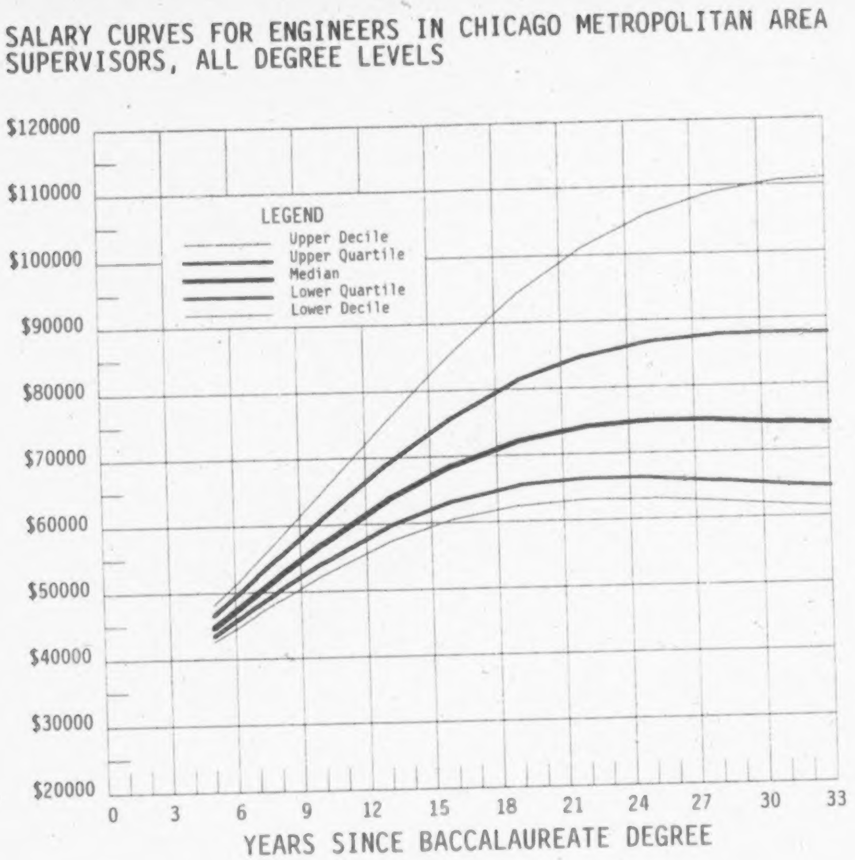
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40300	42500	44750	47050	49350	51700	54050	56400	58750	63250	69350	74350	78000	80350	81600	82000	81850	80800	73300	2.2
Upper Quartile	38100	40000	41950	43900	45850	47850	49850	51800	53700	57400	62350	66350	69350	71300	72350	72800	72800	72150	64550	2.2
Median	34750	36450	38200	40000	41800	43600	45400	47150	48900	52250	56750	60400	63100	64900	65900	66300	66350	65750	54100	2.2
Lower Quartile	32950	34350	35800	37250	38700	40150	41550	42950	44350	47000	50500	53450	55700	57300	58350	58950	59250	59300	45250	2.2
Lower Decile	31100	32250	33400	34600	35750	36900	38050	39150	40250	42300	45050	47350	49150	50500	51400	52000	52350	52600	38400	2.2
Mean	35350	37050	38800	40550	42300	44100	45850	47600	49300	52600	57100	60800	63600	65500	66650	67250	67400	67100	55600	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39750	43250	45750	45950	49600	50300	54450	59700	59850	61150	72350	75400	74700	78250	81800	82350	87850	80350	73300	
Upper Quartile	36700	41150	42250	43400	46950	47750	50350	55250	54350	55850	62750	66550	67000	70850	74500	72650	75350	71950	64550	
Median	33500	34350	37900	41600	43650	45250	46300	49250	49750	51000	55550	61250	62050	62150	67850	66050	72000	65800	54100	
Lower Quartile	32650	32850	36050	36950	39200	42100	41400	44600	44250	47200	48800	54800	54050	54900	61100	61400	61050	58600	45250	
Lower Decile	32100	32100	31450	34850	36800	38500	34250	40600	41500	42400	44100	48800	47600	48800	53900	55850	56550	50250	38400	
Mean	34750	36400	38700	40750	43200	45100	45700	49750	50150	51650	56750	61350	61850	63850	68850	68100	71650	66350	55600	
Supporting Data																				
Total Number	754	602	819	1055	857	1062	1011	1108	1079	3288	2585	1958	1783	1932	1208	1491	793	2396	25778	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	3	3	3	8	10	29	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	

SALARY CURVES FOR ENGINEERS IN CHICAGO METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CHICAGO METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	36450	38900	41500	44150	47000	49900	52900	56000	59150	65550	75000	83750	91200	96950	101050	103700	105250	106550	80950	2.2
Upper Quartile	35400	37650	40000	42400	44900	47450	50000	52600	55200	60350	67550	73650	78400	81650	83650	84700	85100	85000	66050	2.2
Median	33350	35450	37550	39750	41950	44200	46400	48650	50800	54900	60250	64300	67000	68400	68900	68800	68350	67300	50600	2.2
Lower Quartile	32300	34000	35750	37450	39150	40850	42500	44050	45550	48300	51650	53950	55300	55850	55800	55500	55050	54150	42550	2.2
Lower Decile	31150	32450	33700	35000	36300	37500	38750	39900	41050	43200	45950	48150	49750	50850	51550	52000	52200	52300	36100	2.2
Mean	34100	36100	38150	40300	42450	44600	46800	49000	51150	55300	61000	65650	69150	71500	72850	73500	73700	73550	56050	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33950	43200	45150	43800	49450	47300	51950	60300	59700	64900	77450	80400	89300	99200	94950	111150	113700	109700	80950	
Upper Quartile	33600	41650	40650	43000	47700	46100	46850	52850	57950	61150	69400	71400	78850	81150	77950	89000	96250	87200	66050	
Median	33050	33800	37750	41650	44950	44550	43600	51250	51100	52650	60900	68500	66450	64100	68550	77850	76250	65900	50600	
Lower Quartile	32550	32900	36150	37300	40400	42750	41550	47750	43250	44300	50350	61500	54550	51650	62050	65900	65350	47650	42550	
Lower Decile	32200	32350	31050	35200	38650	41550	33250	42600	41850	42150	42500	56700	46200	48200	60450	58200	59550	45450	36100	
Mean	33500	37000	38500	40900	44900	45000	44150	51350	51400	54100	60400	67900	67750	70250	73050	80700	81350	70850	56050	
Supporting Data																				
Total Number	338	287	410	473	382	540	488	169	276	717	420	593	588	656	485	197	124	389	7532	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	4	0	10	26	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

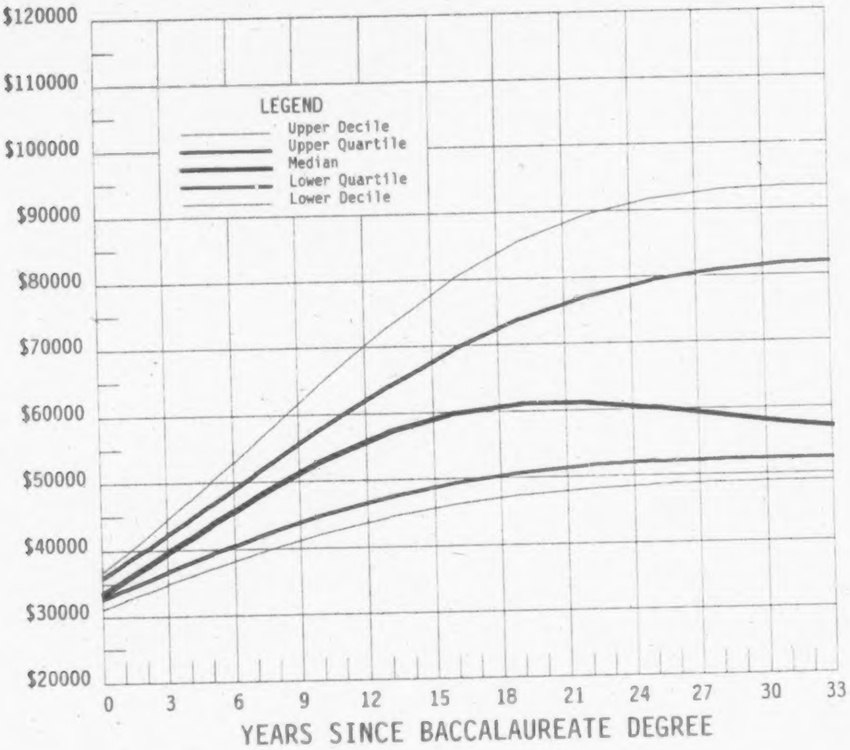


SALARY CURVES FOR ENGINEERS IN CHICAGO METROPOLITAN AREA
SUPERVISORS, ALL DEGREE LEVELS

1994 ENGINEERING SALARY STATISTICS: CHICAGO METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	48050	51200	54500	57900	64900	75550	85600	94300	101150	105950	109050	110750	112050	95400	2.2
Upper Quartile	0	0	0	0	0	46650	49450	52300	55200	60900	69050	75950	81250	84800	86800	87650	87800	87200	71800	2.2
Median	0	0	0	0	0	44800	47300	49800	52300	57150	63600	68700	72200	74150	74900	74850	74400	73200	62850	2.2
Lower Quartile	0	0	0	0	0	43450	45750	48000	50150	54300	59500	63250	65450	66300	66250	65650	64850	63250	54600	2.2
Lower Decile	0	0	0	0	0	42500	44600	46700	48700	52450	57200	60500	62400	63150	63100	62550	61850	60400	44000	2.2
Mean	0	0	0	0	0	45400	48000	50650	53300	58500	65700	71650	76000	78700	80100	80500	80400	79550	66700	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	46550	52250	58550	61450	67300	79800	76050	98800	112950	97750	118350	119150	120450	95400	
Upper Quartile	0	0	0	0	0	45100	50850	52600	59350	63250	73450	71150	89400	91200	71800	105150	110350	108600	71800	
Median	0	0	0	0	0	43400	45600	51700	58050	61450	66200	69100	74550	70400	65800	83950	96000	90350	62850	
Lower Quartile	0	0	0	0	0	42200	43300	50800	56750	59100	61550	62750	65550	62300	62000	74050	71500	72450	54600	
Lower Decile	0	0	0	0	0	41500	41950	50250	55650	56150	57450	60600	60050	60600	60750	68100	64350	66900	44000	
Mean	0	0	0	0	0	44350	46800	52650	58700	62050	68400	69200	77800	78950	72200	89650	92500	92600	66700	
Supporting Data																				
Total Number	1	3	4	10	4	250	246	95	114	191	119	366	169	272	349	83	54	85	2415	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	2	0	4	15	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

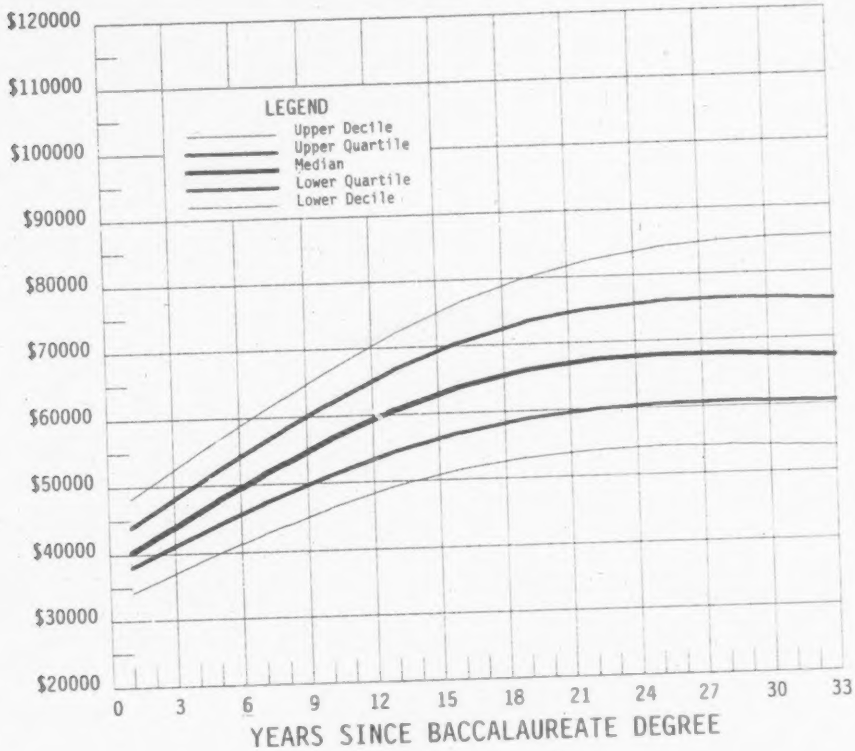
SALARY CURVES FOR ENGINEERS IN CHICAGO METROPOLITAN AREA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CHICAGO METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	36800	39250	41800	44500	47250	50050	52950	55850	58800	64650	72950	80100	85650	89500	91800	93000	93400	93200	76200	2.2
Upper Quartile	35950	38000	40050	42250	44400	46650	48900	51150	53400	57850	64050	69450	73850	77100	79400	80850	81750	82500	57950	2.2
Median	33500	35450	37500	39550	41600	43650	45650	47650	49550	53000	57200	59900	61100	61100	60250	59000	57650	55000	45800	2.2
Lower Quartile	32750	34100	35400	36750	38050	39300	40500	41700	42850	44900	47500	49450	50800	51650	52150	52300	52350	52200	41000	2.2
Lower Decile	31250	32450	33650	34850	36000	37150	38250	39300	40300	42150	44450	46200	47450	48200	48650	48850	48950	48850	33550	2.2
Mean	34300	36150	38000	39900	41850	43750	45650	47500	49350	52850	57550	61350	64150	66000	67150	67700	67900	67850	51050	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33900	43100	44900	43700	49350	48600	48900	63450	53650	63850	76200	82300	84800	87950	93550	91950	88950	95400	76200	
Upper Quartile	33600	41550	40550	42950	47650	46550	43750	55150	48850	54950	66750	73850	75900	76050	84450	83850	81050	79400	57950	
Median	33050	33800	37750	41600	44900	45350	41950	46700	43650	50700	55950	64350	61100	59350	73850	72300	70350	49700	45800	
Lower Quartile	32550	32900	36150	37200	40350	44150	33550	42850	42300	43200	43700	57400	53250	48750	62500	61350	62300	46850	41000	
Lower Decile	32200	32350	31000	35150	38650	41850	32600	41100	41500	41800	42050	51400	45550	47700	55400	56200	57550	45100	33550	
Mean	33350	36650	38250	40550	44500	45600	41400	49700	46250	51250	57250	65750	63700	64050	75250	74200	72750	64750	51050	
Supporting Data																				
Total Number	337	284	405	463	378	290	243	75	162	526	301	227	419	384	136	114	70	304	5117	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	6	12	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

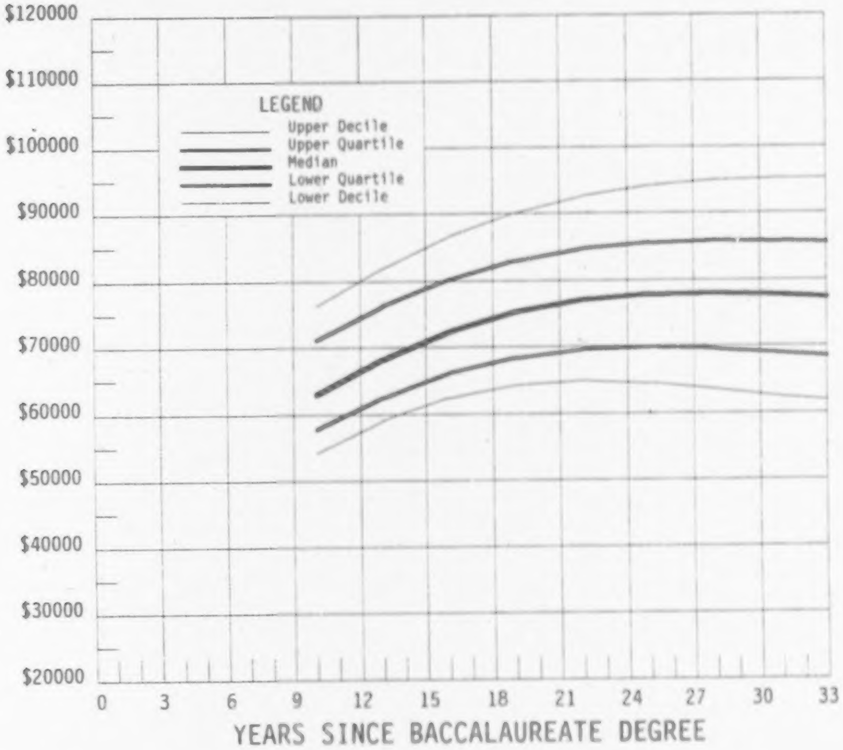
SALARY CURVES FOR ENGINEERS IN NEW YORK CITY METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: NEW YORK CITY METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	48250	50350	52450	54600	56700	58800	60850	62900	66800	72100	76550	80000	82500	84100	85050	85500	85600	77450	2.2
Upper Quartile	0	44050	46050	48100	50150	52200	54250	56200	58150	61850	66700	70550	73350	75100	75950	76250	76100	75300	69200	2.2
Median	0	40300	42150	44000	45900	47750	49600	51400	53150	56450	60700	63950	66150	67400	67900	67900	67550	66500	60850	2.2
Lower Quartile	0	38100	39650	41200	42700	44200	45700	47150	48500	51100	54450	57050	58850	59950	60500	60700	60600	60050	52800	2.2
Lower Decile	0	34250	35650	37100	38500	39900	41300	42600	43900	46250	49300	51550	53050	53900	54250	54200	53950	53200	45900	2.2
Mean	0	41050	42850	44650	46450	48250	50000	51700	53400	56600	60800	64150	66600	68200	69050	69400	69400	68900	61650	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	47600	49900	50250	55100	55000	58200	61350	63550	68700	72800	75850	78150	78900	83000	85250	89350	86850	77450	
Upper Quartile	0	41500	44200	47400	53100	51800	53900	56900	59100	62950	66850	68750	72200	73150	75550	77200	80300	75050	69200	
Median	0	39400	39850	43200	46350	48300	49800	52700	54450	57100	60400	63000	65350	66500	67250	68250	68500	67300	60850	
Lower Quartile	0	36650	38050	39850	44050	44100	45350	47950	50350	51700	54600	56100	57350	58400	60550	61200	62750	60200	52800	
Lower Decile	0	30850	35100	36450	40100	39450	41700	43750	45550	46300	50400	50600	51350	52150	54400	53350	54950	54450	45900	
Mean	0	39500	41700	43550	47350	48000	49850	52600	54550	57350	61100	63150	65350	66600	68450	69700	71800	69400	61650	
Supporting Data																				
Total Number	58	145	200	178	311	354	340	482	587	1817	1544	1306	922	1121	1293	773	675	1217	13323	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	3	12	
Less Than $22000	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	

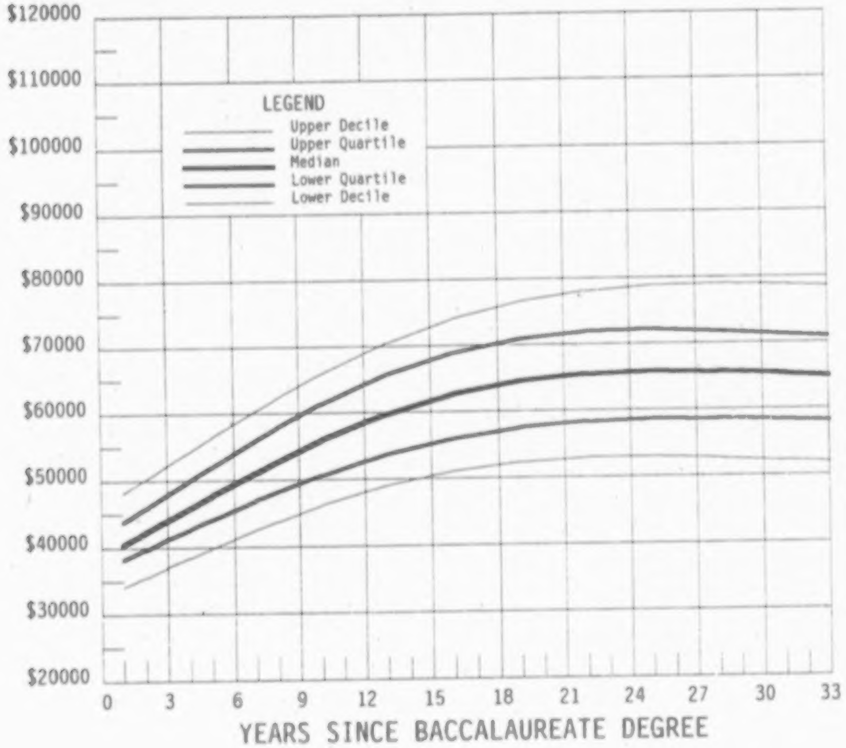
SALARY CURVES FOR ENGINEERS IN NEW YORK CITY METROPOLITAN AREA SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: NEW YORK CITY METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	76250	81950	86600	90100	92550	94100	94900	95200	95100	91150	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	71150	76200	80150	83000	84750	85600	85900	85750	84950	83400	2.2
Median	0	0	0	0	0	0	0	0	0	62850	68150	72300	75250	77050	77850	78000	77700	76600	74300	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	57700	62450	66050	68350	69550	69850	69550	68900	67300	66450	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	54250	59050	62450	64300	64900	64500	63550	62400	59950	59650	2.2
Mean	0	0	0	0	0	0	0	0	0	64400	69400	73350	76150	77850	78700	78900	78700	77800	75550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	75150	82950	87900	87750	95100	91750	94600	96650	95000	91150	
Upper Quartile	0	0	0	0	0	0	0	0	0	70650	76450	82350	80350	86550	82600	87150	88850	84100	83400	
Median	0	0	0	0	0	0	0	0	0	64850	66050	74050	74100	76100	77350	77900	84550	74350	74300	
Lower Quartile	0	0	0	0	0	0	0	0	0	60900	59250	66750	69150	69000	70450	70150	70750	66250	66450	
Lower Decile	0	0	0	0	0	0	0	0	0	56550	57150	62500	64200	62900	65200	65700	65750	58300	59650	
Mean	0	0	0	0	0	0	0	0	0	65500	68250	74600	74800	77950	77800	79600	82450	76400	75550	
Supporting Data																				
Total Number	5	2	2	0	1	1	4	12	16	124	229	185	218	207	236	182	236	404	2062	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	8	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

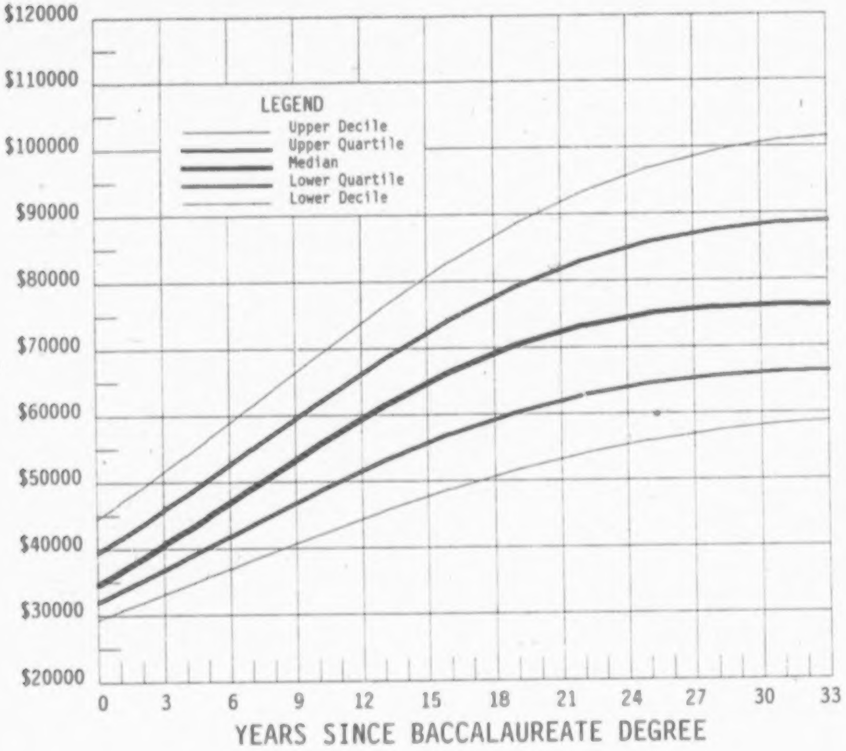
SALARY CURVES FOR ENGINEERS IN NEW YORK CITY METROPOLITAN AREA NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: NEW YORK CITY METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	48150	50200	52300	54350	56400	58400	60350	62250	65850	70450	74050	76600	78100	78850	79050	78850	78050	72700	2.2
Upper Quartile	0	43850	45900	47950	50000	52000	54000	55950	57800	61300	65700	68900	70950	71950	72150	71800	71250	69700	66500	2.2
Median	0	40450	42250	44050	45900	47650	49400	51100	52750	55850	59700	62600	64500	65500	65800	65650	65250	64100	58650	2.2
Lower Quartile	0	38200	39700	41250	42700	44150	45550	46950	48250	50650	53700	55950	57450	58300	58600	58550	58300	57550	51500	2.2
Lower Decile	0	34050	35550	37000	38450	39850	41200	42550	43800	46150	49050	51100	52350	52900	52950	52650	52250	51150	45000	2.2
Mean	0	41100	42850	44600	46350	48100	49750	51400	53000	55950	59700	62550	64450	65550	66000	66000	65750	64850	59150	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	47650	49500	50250	55100	54950	58000	60900	63100	67850	70750	71900	73450	74650	81700	82250	77650	78350	72700	
Upper Quartile	0	41000	44000	47400	53100	51800	53800	56500	58850	62300	65700	67000	68850	71250	72650	72250	70650	71050	66500	
Median	0	39400	39800	43200	46350	48250	49800	52500	54200	56500	59600	61300	62400	64800	65750	66050	65500	65300	58650	
Lower Quartile	0	36550	38050	39850	44050	44050	45400	47750	50250	51300	53750	55100	55300	56650	59050	58500	59150	58700	51500	
Lower Decile	0	30850	35050	36450	40100	39450	41800	43650	45400	46050	49950	50150	50250	51450	53500	52450	52250	52500	45000	
Mean	0	39500	41350	43550	47300	48000	49850	52400	54250	56750	59850	61250	62400	64050	66400	66600	66100	65950	59150	
Supporting Data																				
Total Number	52	143	198	178	311	353	336	469	571	1694	1315	1121	704	915	1057	591	439	813	11261	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	4	
Less Than $22000	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	

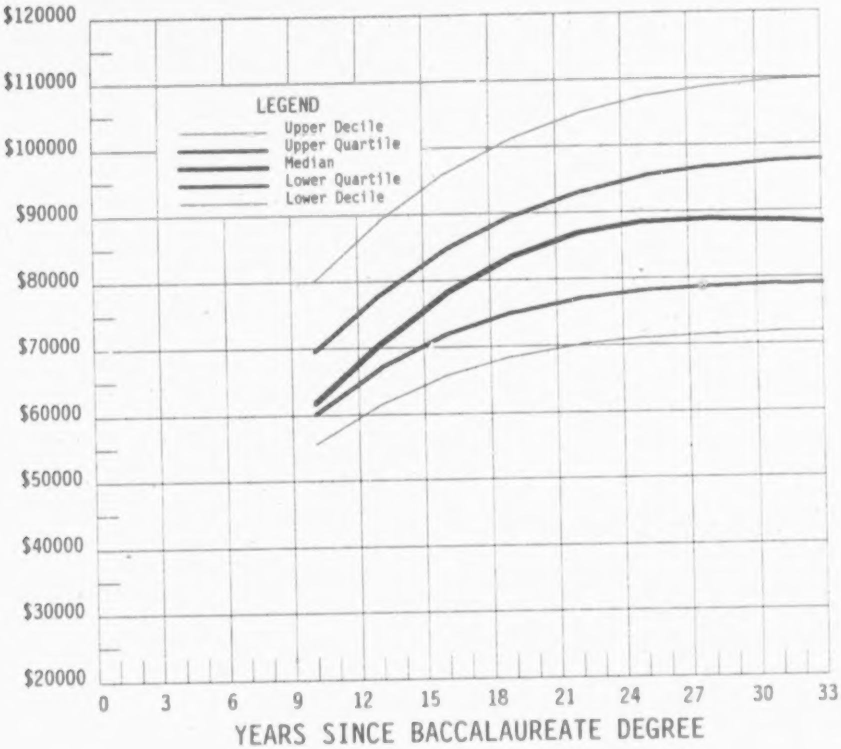
SALARY CURVES FOR ENGINEERS IN SAN FRANCISCO BAY AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SAN FRANCISCO BAY AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	44600	46850	49150	51550	53950	56400	58900	61400	63950	68950	76250	82900	88650	93300	96850	99400	101050	102900	88900	2.2
Upper Quartile	39450	41500	43600	45800	48000	50300	52600	54900	57200	61800	68400	74250	79200	83000	85750	87550	88600	89500	75850	2.2
Median	34650	36550	38500	40550	42650	44750	46900	49050	51150	55400	61300	66400	70450	73300	75050	76000	76300	76000	62400	2.2
Lower Quartile	32000	33600	35200	36800	38500	40150	41850	43500	45200	48450	53050	57050	60300	62800	64500	65600	66200	66600	49950	2.2
Lower Decile	29450	30700	31900	33150	34400	35700	36950	38250	39500	42000	45550	48800	51650	54000	55900	57350	58400	59800	41050	2.2
Mean	36350	38150	40050	41950	43900	45850	47850	49850	51800	55750	61300	66250	70350	73550	75800	77300	78200	78950	64100	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	42550	48350	53250	46900	52400	62950	55100	58550	71150	67850	76500	84200	89350	93700	92700	97450	102700	105000	88900	
Upper Quartile	36250	45350	48350	43950	46200	51300	51150	54450	60650	60950	69400	73050	80100	84050	83100	87900	89650	89950	75850	
Median	32350	38400	38850	41050	44250	43850	46900	49750	54200	55750	61500	64400	71550	73150	70950	74900	80300	77300	62400	
Lower Quartile	30050	34400	36450	38350	38650	40150	41350	43450	47250	47650	54500	55700	61900	61500	62300	65550	68450	67150	49950	
Lower Decile	28200	32450	31150	33500	34250	36250	38750	37750	41450	40900	46900	46600	54850	53500	53050	59250	59700	59800	41050	
Mean	33550	40200	41350	43100	43550	47150	46950	49300	54850	55350	61650	64900	71550	73450	72650	77000	81300	79600	64100	
Supporting Data																				
Total Number	16	22	34	30	30	57	46	52	38	164	146	126	91	108	119	95	89	138	1402	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

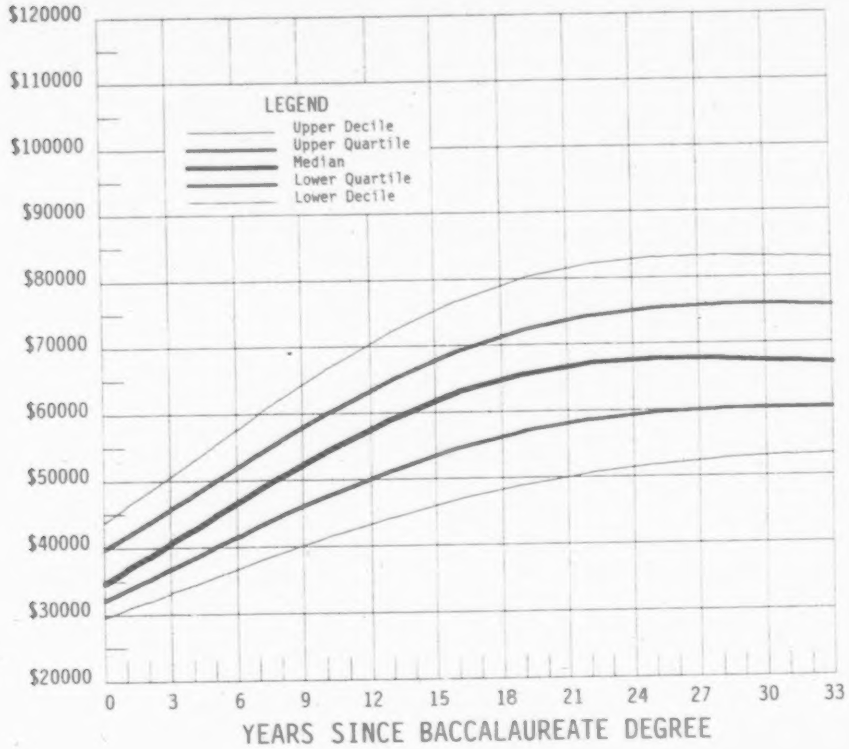
SALARY CURVES FOR ENGINEERS IN SAN FRANCISCO BAY AREA
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SAN FRANCISCO BAY AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	80050	89000	96050	101250	104900	107350	108850	109750	110500	105950	3.4
Upper Quartile	0	0	0	0	0	0	0	0	0	69500	77950	84650	89600	93000	95300	96700	97550	98250	92550	3.4
Median	0	0	0	0	0	0	0	0	0	61750	70550	78000	83450	86900	88500	88900	88600	87250	84100	2.4
Lower Quartile	0	0	0	0	0	0	0	0	0	60100	66950	71900	75100	77000	78100	78650	79000	79200	73600	3.4
Lower Decile	0	0	0	0	0	0	0	0	0	55500	61500	65750	68500	70150	71100	71600	71850	72050	65650	3.4
Mean	0	0	0	0	0	0	0	0	0	65900	73650	79550	83700	86400	88100	89100	89700	90150	84650	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	102500	85250	88700	93450	109800	96950	110850	115750	115400	105950	
Upper Quartile	0	0	0	0	0	0	0	0	0	69600	77900	86350	88900	94050	92750	95100	97700	100250	92550	
Median	0	0	0	0	0	0	0	0	0	64800	73250	77500	81600	85750	87000	86150	88100	90350	84100	
Lower Quartile	0	0	0	0	0	0	0	0	0	61100	69050	72200	71850	77700	75750	76050	81900	81150	73600	
Lower Decile	0	0	0	0	0	0	0	0	0	58250	65800	63550	62300	71050	70000	69400	75250	74150	65650	
Mean	0	0	0	0	0	0	0	0	0	69750	74550	77750	80200	87450	85450	87300	92300	92400	84650	
Supporting Data																				
Total Number	0	0	0	3	2	5	2	0	3	14	25	20	39	39	42	43	44	64	347	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

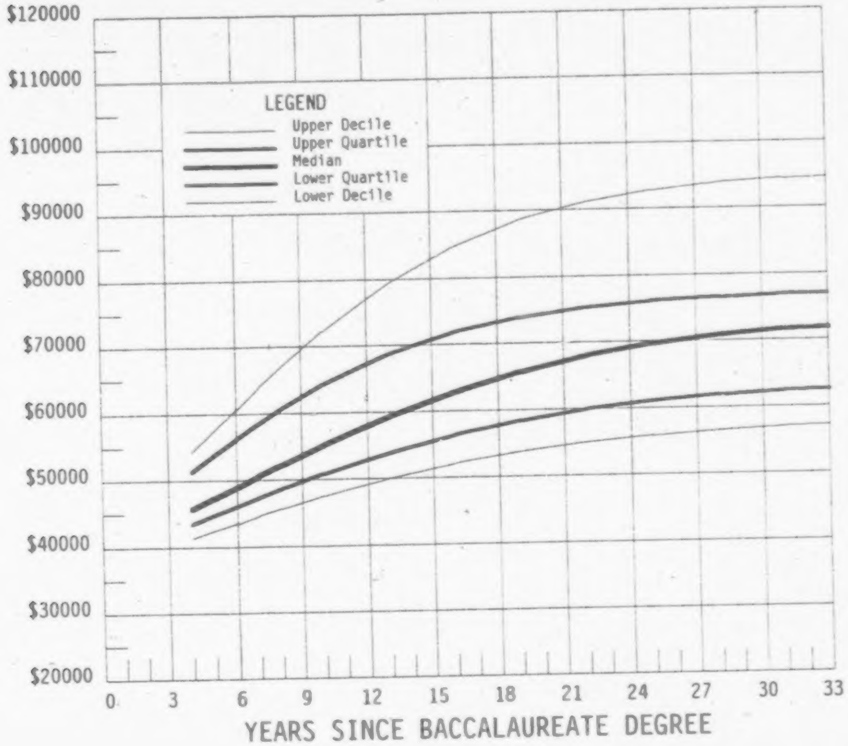
SALARY CURVES FOR ENGINEERS IN SAN FRANCISCO BAY AREA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SAN FRANCISCO BAY AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43800	46050	48350	50650	53000	55300	57650	59950	62200	66500	72250	76800	80100	82100	83100	83300	83100	81950	76150	2.2
Upper Quartile	39650	41650	43650	45700	47750	49850	51900	53950	55950	59800	64950	69150	72250	74300	75400	75850	75850	75200	66950	2.2
Median	34750	36650	38550	40550	42550	44550	46550	48500	50450	54150	59100	62950	65600	67150	67700	67650	67250	65900	56900	2.2
Lower Quartile	32150	33650	35200	36800	38350	39950	41500	43050	44550	47450	51350	54600	57000	58650	59650	60100	60250	59950	46500	2.2
Lower Decile	29650	30850	32000	33200	34400	35600	36750	37900	39050	41250	44250	46850	48950	50600	51800	52650	53150	53700	38950	2.2
Mean	36000	37800	39600	41450	43350	45200	47050	48900	50700	54150	58800	62500	65200	66950	67900	68200	68150	67450	57350	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	42550	48350	52800	46050	47150	59200	53900	58550	71450	66750	72000	77650	77100	82450	80250	84450	87900	81200	76150	
Upper Quartile	36250	45350	48200	43550	45900	49200	50400	54450	59250	59450	65150	69700	73150	74100	71800	75550	78550	76050	66950	
Median	32350	38400	38800	40500	44000	43200	46050	49750	53860	54650	59400	61850	64450	64650	65550	67800	68900	68300	56900	
Lower Quartile	30050	34400	36400	38050	38350	39600	41150	43450	46550	46350	52900	53950	59500	56700	56600	61350	61300	61250	46500	
Lower Decile	28200	32450	31100	33350	34150	35950	38700	37750	41250	40250	45500	45850	50000	48450	51100	52850	54800	54450	38950	
Mean	33550	40200	41150	40500	42250	45450	46100	49300	54350	54000	59000	62400	65050	65500	65600	68400	70600	68450	57350	
Supporting Data																				
Total Number	16	22	33	27	28	52	44	52	35	150	121	105	52	69	77	52	45	74	10[illegible]5	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

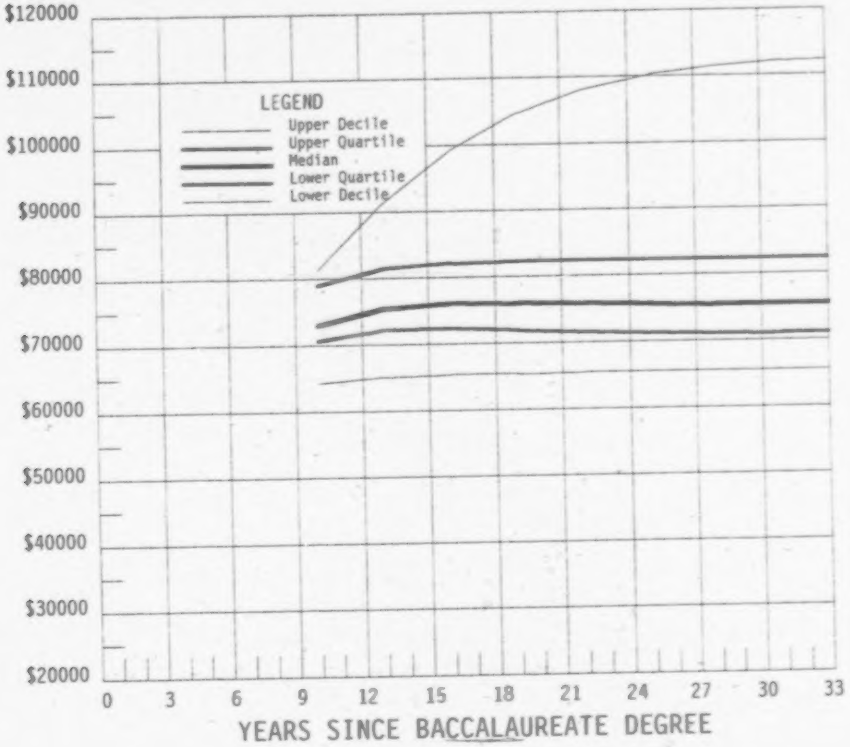
SALARY CURVES FOR ENGINEERS IN SOUTHERN CALIFORNIA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOUTHERN CALIFORNIA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	54150	57400	60600	63750	66750	72350	79400	84750	88550	91100	92800	93800	94400	94900	85900	3.4
Upper Quartile	0	0	0	0	51300	53800	56200	58450	60550	64300	68750	71850	73950	75300	76100	76600	76900	77100	73200	3.4
Median	0	0	0	0	45650	47350	49000	50600	52150	55150	59250	62750	65650	67950	69650	70850	71650	72400	60300	3.4
Lower Quartile	0	0	0	0	43400	44800	46100	47350	48600	50900	53900	56400	58400	59950	61050	61850	62350	62850	50200	3.4
Lower Decile	0	0	0	0	41250	42450	43550	44650	45650	47600	50050	52100	53750	55000	55900	56550	57000	57500	44300	3.0
Mean	0	0	0	0	47400	49350	51250	53050	54850	58150	62450	65950	68650	70700	72100	73100	73700	74200	63750	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	40600	0	46650	0	51450	63300	57500	66950	67500	78000	74250	71700	83100	82550	144450	78250	76200	110700	85900	
Upper Quartile	39600	0	46100	0	48350	61700	54500	65300	66450	63800	63500	66800	72450	59800	89850	73150	74450	92000	73200	
Median	37950	0	45150	0	40750	48600	49100	52550	64750	57000	54100	63600	65400	55700	86000	64500	70800	79750	60300	
Lower Quartile	36850	0	44250	0	38700	45450	47000	51100	50600	53500	47900	61200	55550	54250	80050	60200	49200	66400	50200	
Lower Decile	36150	0	39450	0	37000	44250	39400	50250	45100	47050	45750	57600	53800	53400	68500	53850	47900	57500	44300	
Mean	38600	0	44300	0	43400	53050	50000	56600	59450	59550	56950	64850	67350	61450	92650	67850	65500	80700	63750	
Supporting Data																				
Total Number	157	18	98	30	50	186	58	151	85	253	368	182	216	241	306	263	146	295	3105	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	0	50	2	2	0	55	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

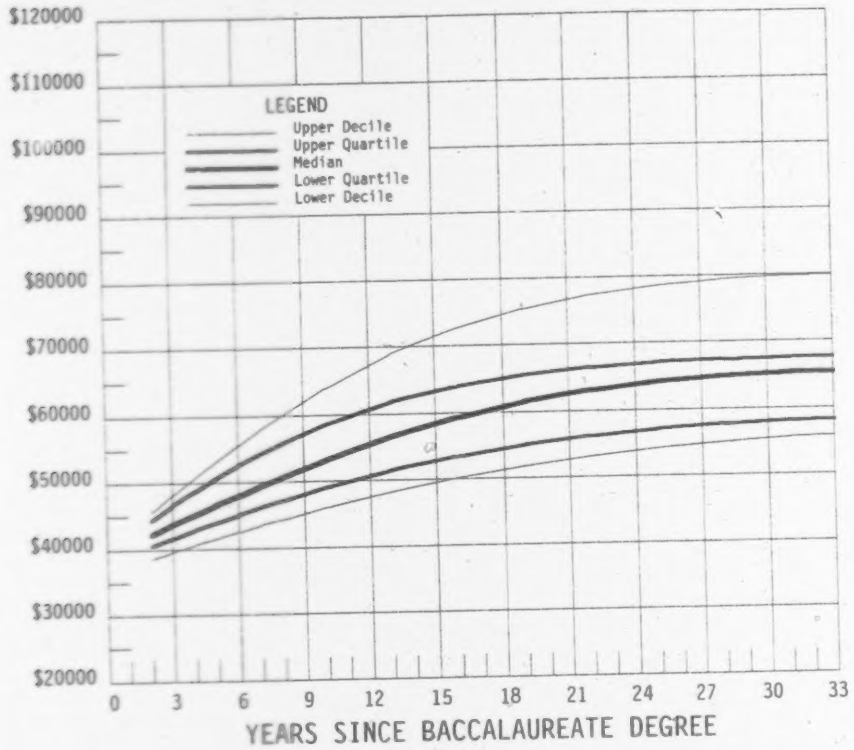
SALARY CURVES FOR ENGINEERS IN SOUTHERN CALIFORNIA SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOUTHERN CALIFORNIA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	81150	91350	99150	104600	108100	110250	111450	112150	112700	113050	3.4
Upper Quartile	0	0	0	0	0	0	0	0	0	78900	81400	82100	82250	82250	82250	82250	82250	82250	87000	15.0
Median	0	0	0	0	0	0	0	0	0	72950	75450	76100	76000	75800	75600	75450	75400	75350	76700	5.0
Lower Quartile	0	0	0	0	0	0	0	0	0	70600	72250	72350	71950	71600	71300	71150	71100	71050	64200	5.2
Lower Decile	0	0	0	0	0	0	0	0	0	64200	65150	65350	65400	65450	65450	65450	65450	65450	57950	15.0
Mean	0	0	0	0	0	0	0	0	0	77400	80100	80800	80950	81000	81000	81000	81000	81000	80250	15.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	63900	0	67550	0	79450	100450	81250	112900	83000	147050	114100	61800	118750	113050	
Upper Quartile	0	0	0	0	0	63200	0	66900	0	78700	78200	67550	91750	76600	92750	75750	49650	109450	87000	
Median	0	0	0	0	0	62000	0	65750	0	77350	72200	66200	81500	58850	86700	74150	48750	90450	76700	
Lower Quartile	0	0	0	0	0	60800	0	64650	0	76050	64850	64850	67800	57400	81350	72600	47900	82250	64200	
Lower Decile	0	0	0	0	0	60100	0	52700	0	61850	60700	64050	63100	56550	69750	69050	47350	80550	57950	
Mean	0	0	0	0	0	61500	0	64400	0	74400	75200	69100	84250	65850	95300	81350	53800	95650	80250	
Supporting Data																				
Total Number	0	0	0	6	0	82	8	56	2	66	18	68	49	71	280	79	59	127	972	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	0	50	2	2	0	55	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

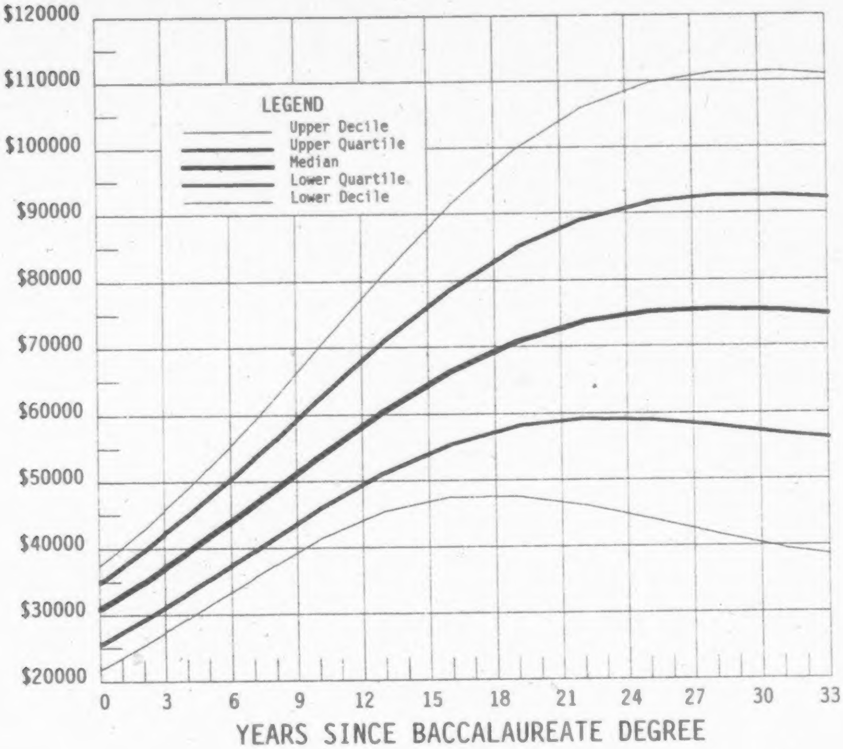
SALARY CURVES FOR ENGINEERS IN SOUTHERN CALIFORNIA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOUTHERN CALIFORNIA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	45550	48150	50700	53150	55550	57850	60000	64000	68900	72700	75450	77350	78600	79400	79800	80150	73550	4.0
Upper Quartile	0	0	44400	46600	48700	50700	52550	54300	55850	58600	61800	64000	65500	66450	67050	67350	67500	67600	64000	4.6
Median	0	0	42250	43750	45200	46600	48000	49350	50700	53200	56600	59350	61550	63100	64200	64900	65250	65550	54700	2.2
Lower Quartile	0	0	40450	41650	42850	44000	45100	46200	47200	49100	51500	53500	55050	56250	57100	57750	58150	58650	47050	2.8
Lower Decile	0	0	38650	39650	40650	41600	42550	43500	44350	46050	48300	50250	51850	53200	54250	55050	55650	56350	40450	2.6
Mean	0	0	42450	44200	45850	47450	49000	50450	51850	54450	57650	60200	62100	63500	64500	65150	65550	65950	56250	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	40600	0	46650	43900	51450	49550	56800	54750	67350	60600	73850	70150	73000	82400	82900	67600	78400	90750	73550	
Upper Quartile	39600	0	46100	43350	48350	47300	54500	52550	66350	58050	62100	63600	67000	55850	79350	65500	75350	74800	64000	
Median	37950	0	45150	42400	40750	45950	49200	51600	64700	55000	53650	62000	64400	54850	61550	62100	73800	69700	54700	
Lower Quartile	36850	0	44250	41450	38700	44850	41000	50650	50500	51450	47750	60350	54900	53850	54350	55000	72200	58400	47050	
Lower Decile	36150	0	39450	39750	37000	44200	39200	50050	45000	45500	45700	54300	53550	53250	51250	53350	58800	56600	40450	
Mean	38600	0	44300	42000	43400	46400	48950	52000	59100	54300	56000	62250	62400	59600	64550	62050	73400	69450	56250	
Supporting Data																				
Total Number	157	18	98	24	50	104	50	95	83	187	350	114	168	170	26	184	88	168	2134	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

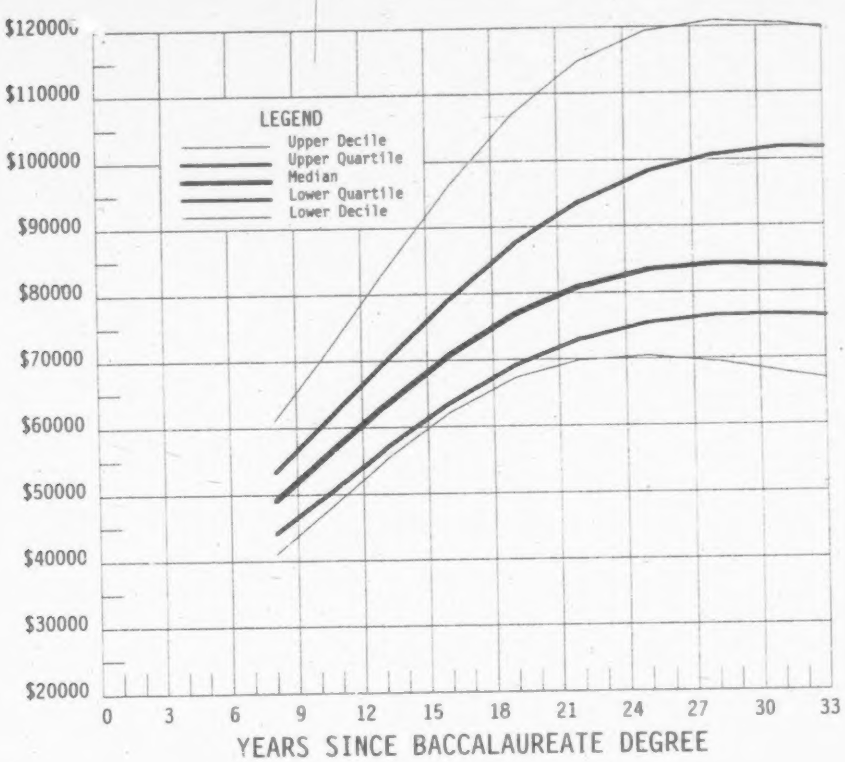
SALARY CURVES FOR ENGINEERS IN WASHINGTON D.C. METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WASHINGTON D.C. METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37350	40000	42750	45700	48800	52050	55400	58900	62500	69900	81050	91400	99900	106050	109700	111300	111500	109750	89250	2.2
Upper Quartile	34900	37200	39600	42150	44800	47550	50400	53300	56250	62250	70950	78700	84900	89150	91600	92600	92600	91150	71800	2.2
Median	30850	32850	34900	37100	39300	41650	44000	46400	48800	53600	60500	66350	70800	73700	75200	75550	75300	73750	52850	2.2
Lower Quartile	25600	27400	29250	31150	33200	35250	37350	39450	41550	45700	51250	55500	58150	59200	59000	58100	56850	54150	43250	2.2
Lower Decile	21850	23600	25450	27400	29400	31400	33450	35500	37500	41200	45400	47550	47600	46200	44050	41750	39600	36050	33250	2.2
Mean	30850	32850	35000	37200	39500	41850	44300	46750	49250	54250	61400	67600	72250	75300	76800	77200	76850	75200	58600	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33200	43500	46400	49650	51400	53000	57750	61350	60900	67600	82900	88350	91350	110550	110450	108700	120100	115450	89250	
Upper Quartile	31250	38300	43600	45950	46850	51500	52500	55000	54150	58200	73700	79050	78000	92950	92400	89950	100300	94150	71800	
Median	27650	32050	36450	39700	44900	47450	45450	48550	51050	49050	61400	66600	64600	77200	72700	75200	82200	78100	52850	
Lower Quartile	24200	25400	27850	31950	39200	40350	38400	42450	45050	42250	52800	52450	51900	58300	60700	66000	65950	52700	43250	
Lower Decile	19650	24550	26700	30700	34700	35250	33450	37350	38350	35500	43800	44700	50200	45950	50550	53750	51600	29400	33250	
Mean	27900	32550	36800	39800	43650	46250	45750	49150	50200	50200	62900	66300	66800	77100	76800	79400	85050	76300	58600	
Supporting Data																				
Total Number	245	177	237	250	287	326	221	231	301	973	776	519	623	382	412	322	194	409	6884	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	4	7	9	9	12	22	64	
Less Than $22000	59	0	0	0	0	0	0	0	0	59	0	1	0	0	0	0	0	0	119	

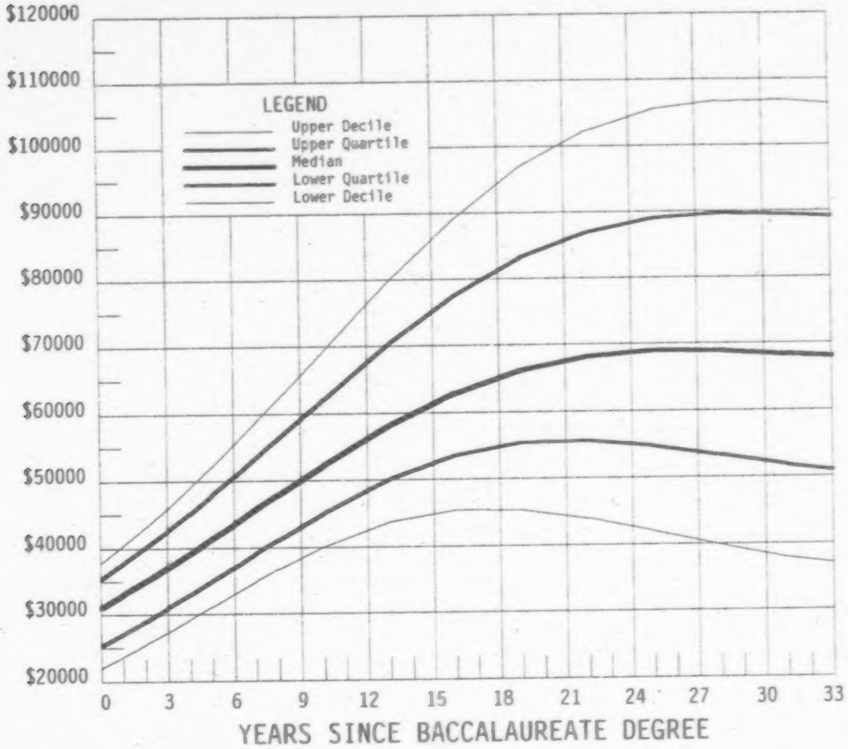
SALARY CURVES FOR ENGINEERS IN WASHINGTON D.C. METROPOLITAN AREA
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: WASHINGTON D.C. METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	61000	69600	83100	96100	107100	114950	119400	120900	120500	116900	103650	2.2
Upper Quartile	0	0	0	0	0	0	0	0	53350	59800	69650	79150	87400	93850	98250	100800	101900	101800	86750	2.2
Median	0	0	0	0	0	0	0	0	49200	54850	63200	70800	76850	81050	83400	84250	84150	82500	72400	2.2
Lower Quartile	0	0	0	0	0	0	0	0	44150	49150	56650	63550	69150	73150	75500	76550	76650	75550	51950	2.2
Lower Decile	0	0	0	0	0	0	0	0	41150	46700	54950	62100	67250	69950	70500	69600	67950	64100	45850	2.2
Mean	0	0	0	0	0	0	0	0	50750	57000	66400	75050	82150	87050	89800	90750	90550	88500	73750	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	46700	0	0	0	60600	69700	95500	97100	94850	119550	122000	105150	130600	136750	103650	
Upper Quartile	0	0	0	0	46250	0	0	0	52650	52250	87400	87600	83450	104250	106000	87750	112050	104150	86750	
Median	0	0	0	0	45500	0	0	0	51750	48350	75200	79200	68000	88450	90400	75100	93950	87600	72400	
Lower Quartile	0	0	0	0	44750	0	0	0	50850	40400	65900	71850	65650	76450	77500	73150	77450	78150	51950	
Lower Decile	0	0	0	0	44300	0	0	0	50350	38900	59700	66300	64250	64800	66200	71500	66850	70500	45850	
Mean	0	0	0	0	45750	0	0	0	53400	50850	76550	80700	76500	90850	93300	82500	96300	95100	73750	
Supporting Data																				
Total Number	0	0	0	1	83	3	5	5	73	197	102	92	151	81	87	133	42	96	1151	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	4	4	6	6	5	13	37	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SALARY CURVES FOR ENGINEERS IN WASHINGTON D.C. METROPOLITAN AREA NON-SUPERVISORS, ALL DEGREE LEVELS

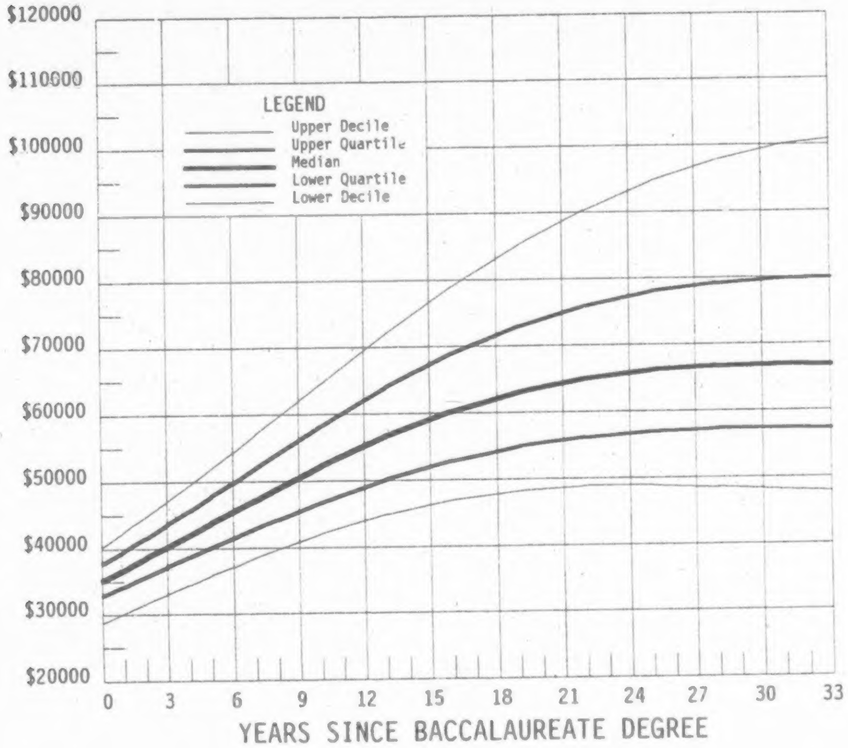


1994 ENGINEERING SALARY STATISTICS: WASHINGTON D.C. METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37750	40350	43100	45950	49000	52150	55400	58750	62200	69250	79700	89150	96850	102300	105450	106750	106850	105100	84400	2.2
Upper Quartile	35350	37650	40050	42550	45150	47850	50650	53450	56300	62050	70350	77550	83150	86900	88950	89650	89500	87900	66050	2.2
Median	31100	33000	35000	37050	39150	41350	43500	45750	47900	52200	58100	62900	66250	68200	69000	68900	68350	66600	51500	2.2
Lower Quartile	25350	27150	29000	30950	32950	35000	37050	39150	41150	45100	50100	53600	55350	55550	54700	53300	51750	48750	41450	2.2
Lower Decile	22050	23750	25550	27350	29250	31200	33100	34950	36800	40100	43750	45450	45350	44000	42000	39850	37900	34650	31800	2.2
Mean	30950	32950	35050	37200	39450	41750	44100	46450	48850	53500	60050	65450	69350	71700	72650	72600	72000	70050	55550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33200	43500	46400	49650	52250	53000	57050	61300	61000	67250	80050	85350	89200	105450	103600	109900	117500	109700	84400	
Upper Quartile	31250	38300	43600	45900	48650	51500	52000	54900	54800	58750	71600	76700	75700	89300	86450	92850	97550	91950	66050	
Median	27650	32050	36450	39700	42000	47400	45150	48400	49750	49450	59150	61850	56100	71550	63850	75550	79300	71300	51500	
Lower Quartile	24200	25400	27850	31950	37150	40300	38300	42350	40600	42650	51650	48800	51250	52400	59450	56550	63200	47250	41450	
Lower Decile	19650	24550	26700	30700	34050	35200	33400	37050	35750	34350	42950	44150	47650	43850	46850	49000	50500	29050	31800	
Mean	27900	32550	36800	39800	42750	46150	45400	48950	49200	50000	60850	63200	63700	73400	72350	77200	82000	70500	55550	
Supporting Data																				
Total Number	245	177	237	249	203	323	216	225	228	776	674	427	472	301	325	189	153	312	5733	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	3	3	3	8	9	26	
Less Than $22000	59	0	0	0	0	0	0	0	0	59	0	1	0	0	0	0	0	0	119	

CURVES AND TABLES FOR SELECTED INDUSTRIAL SECTORS

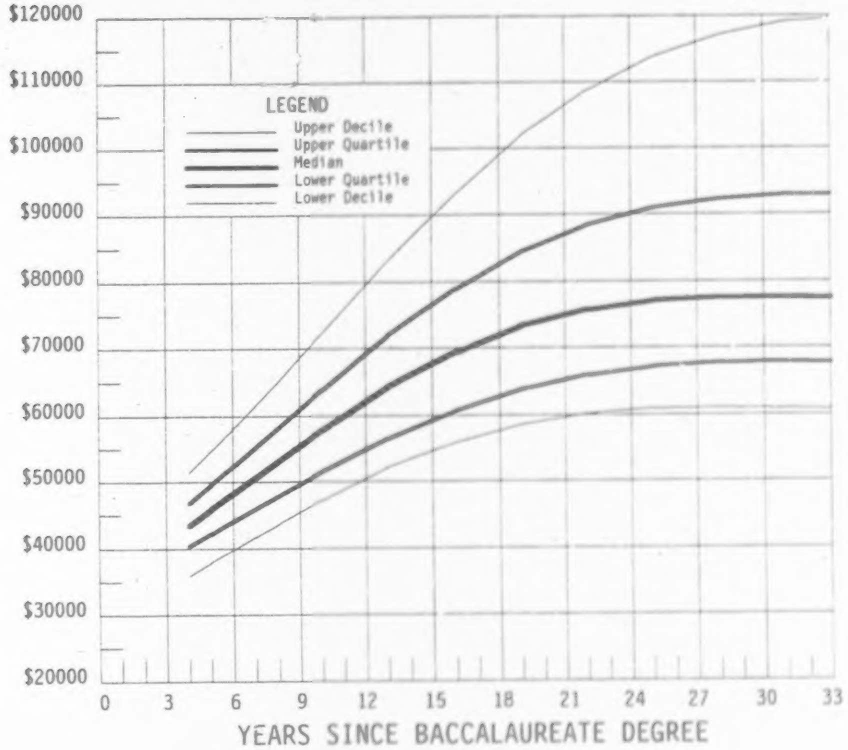
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40350	42500	44800	47100	49500	51900	54400	56900	59450	64500	72000	79000	85150	90400	94600	97750	100050	103000	78200	2.2
Upper Quartile	37700	39600	41600	43600	45650	47750	49850	51950	54050	58150	63950	68950	72950	75950	78000	79200	79850	80100	65100	2.2
Median	35100	36800	38500	40250	42000	43750	45500	47200	48900	52200	56600	60250	63050	65000	66150	66750	66950	66700	53850	2.2
Lower Quartile	32850	34300	35750	37200	38650	40050	41500	42900	44250	46800	50150	52850	54850	56150	56900	57250	57300	56950	44600	2.2
Lower Decile	28850	30250	31650	33050	34450	35850	37150	38500	39750	42050	44950	47050	48300	48900	48900	48600	48150	47050	38450	2.2
Mean	35100	36800	38600	40400	42200	44050	45850	47700	49500	53050	58000	62200	65550	68050	69650	70650	71150	71300	57100	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40100	44000	45850	47800	49200	52300	53000	55850	59100	63900	73000	78950	82650	98350	92550	96850	103450	99450	78200	
Upper Quartile	36500	41350	42950	44000	46000	47250	48850	52000	54550	58550	64950	69050	70450	74950	75550	79100	84700	81350	65100	
Median	33800	37100	39900	41550	42600	43950	43500	47350	50100	51950	57800	60600	60900	63200	64350	67750	70350	67600	53850	
Lower Quartile	32400	33100	37000	37850	39300	40300	39200	42550	45450	47000	51100	52900	52600	54000	57250	59800	59550	56200	44600	
Lower Decile	27400	30750	32950	34400	35950	37750	33100	38950	41750	41650	44950	47350	46950	47400	47500	52300	53250	45150	38450	
Mean	34350	37350	39800	41250	42800	44500	43950	47600	50350	52750	58650	62200	63500	68550	68450	72000	74650	70350	57100	
Supporting Data																				
Total Number	1540	1166	1749	2218	2163	2602	2183	2167	2394	7908	6496	4680	4535	4127	3922	3214	2221	3463	58748	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	3	18	165	42	44	45	73	391	
Less Than $22000	65	5	0	5	0	0	0	0	0	60	0	1	5	0	0	0	1	0	143	

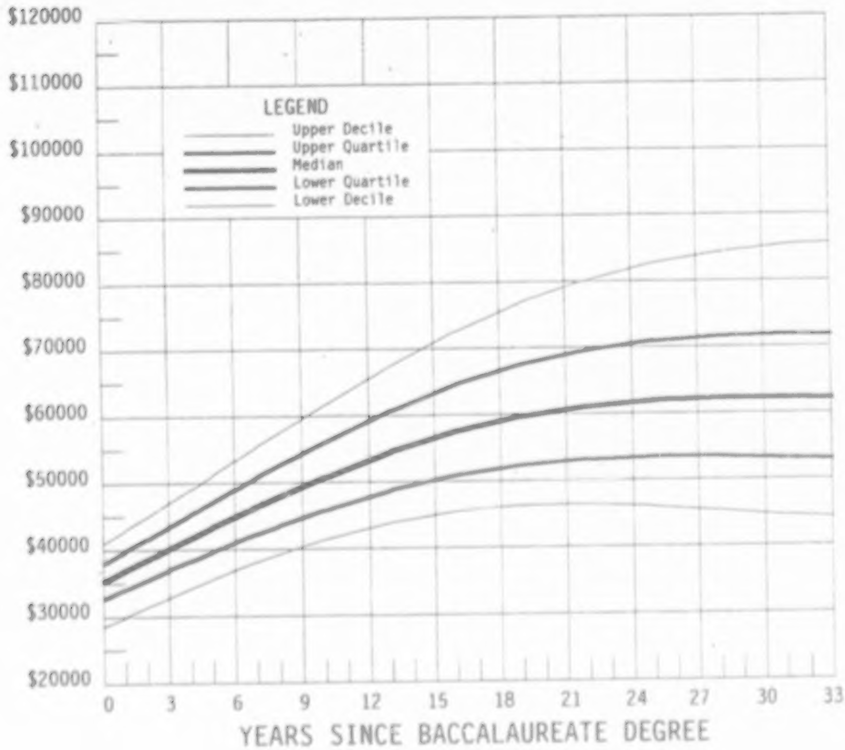
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	51450	54700	58050	61500	65050	72250	83100	93200	101900	108800	113800	117100	119100	120900	101800	2.2
Upper Quartile	0	0	0	0	46800	49550	52350	55200	58100	63800	71850	78900	84450	88400	90900	92250	92850	92900	79400	2.2
Median	0	0	0	0	43400	45800	48250	50650	53100	57800	64200	69400	73250	75700	77000	77500	77500	76950	66550	2.2
Lower Quartile	0	0	0	0	40300	42200	44100	46000	47850	51500	56500	60650	63800	65950	67150	67700	67800	67250	57300	2.2
Lower Decile	0	0	0	0	36000	37900	39800	41750	43600	47250	52100	55900	58550	60150	60950	61100	60950	60300	46550	2.2
Mean	0	0	0	0	43900	46400	48950	51500	54050	59150	66200	72250	76900	80150	82100	83150	83500	83400	71100	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	49900	62000	56100	59550	62500	72050	80750	88850	104950	134100	109150	110700	117400	119250	101800	
Upper Quartile	0	0	0	0	46600	51200	51700	53800	58500	64950	71250	77200	82700	100850	84600	85300	97500	98850	79400	
Median	0	0	0	0	44800	44700	46600	51200	54950	60450	64250	69050	70950	75550	71350	75100	83650	83550	66550	
Lower Quartile	0	0	0	0	40450	42600	43800	45450	51550	51000	58750	61750	62350	65050	61650	66150	71750	72800	57300	
Lower Decile	0	0	0	0	38900	41500	42000	42250	47950	45100	52500	55700	57950	60050	57100	61850	63000	63500	46550	
Mean	0	0	0	0	44550	48250	48600	51200	55450	59300	66300	71200	75400	86150	76700	79950	87250	87950	71100	
Supporting Data																				
Total Number	23	35	129	176	249	439	368	298	437	1698	1538	1426	1257	1331	1477	1364	766	985	13997	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	17	163	36	37	32	57	344	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

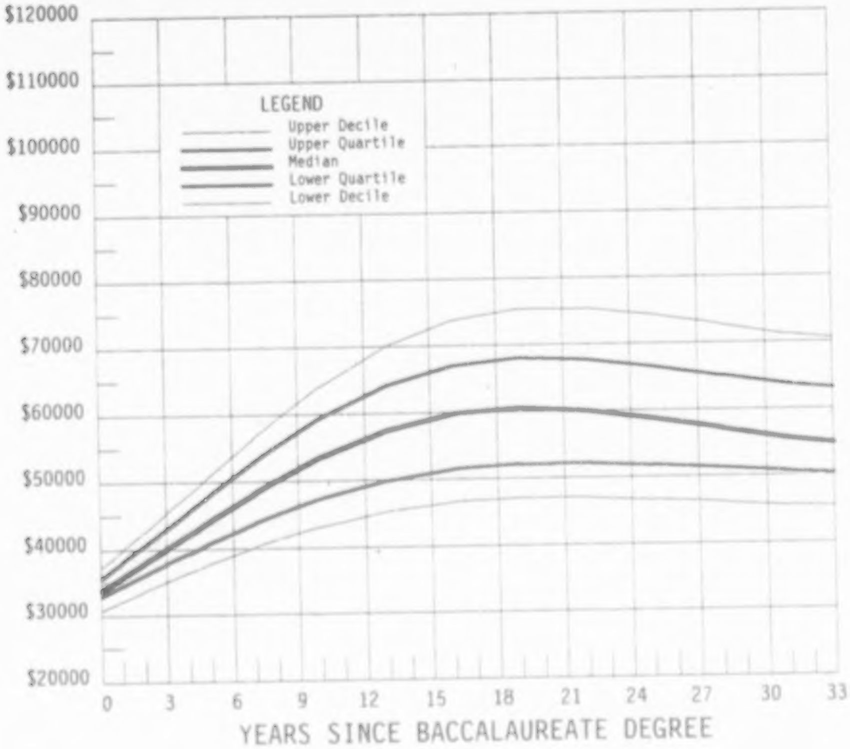
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41000	42950	44950	47000	49050	51150	53300	55400	57500	61600	67450	72600	76900	80250	82700	84300	85350	86300	70200	2.2
Upper Quartile	38000	39750	41600	43400	45250	47100	48950	50800	52600	56000	60700	64550	67550	69600	70900	71600	71850	71650	60150	2.2
Median	35300	36900	38500	40100	41700	43300	44850	46400	47900	50750	54500	57500	59700	61100	61900	62200	62200	61750	50950	2.2
Lower Quartile	32700	34100	35500	36900	38300	39650	41000	42300	43500	45850	48750	50900	52350	53150	53450	53450	53200	52450	42800	2.2
Lower Decile	28650	30000	31450	32800	34200	35550	36850	38100	39300	41450	43950	45550	46300	46400	46000	45350	44600	43100	36800	2.2
Mean	35250	36850	38500	40150	41800	43400	45050	46650	48200	51200	55200	58450	60900	62550	63500	64000	64100	63800	52700	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39850	43850	45750	47600	49100	51450	52750	55400	57850	61300	69650	71700	74300	77500	81400	86600	89100	87300	70200	
Upper Quartile	36400	41200	42650	44000	45850	46950	47900	51600	52900	55650	62500	63950	65100	67300	70450	72800	74900	72500	60150	
Median	33750	36850	39550	41650	42400	43700	42550	46600	48900	51000	55550	57300	57100	58350	61750	63250	65200	62800	50950	
Lower Quartile	32400	33000	36700	37200	39050	39700	38400	42300	44600	46050	49750	51200	50450	50250	54000	56150	56600	51500	42800	
Lower Decile	27350	30700	32000	34300	35600	36750	32800	38300	41300	41200	43350	45550	45750	45150	45300	50600	51400	39900	36800	
Mean	34100	37050	39450	41000	42550	43750	43000	47050	49200	50950	56250	58300	58900	60200	63450	66200	68000	63300	52700	
Supporting Data																				
Total Number	1516	1130	1620	2042	1914	2162	1814	1869	1958	6210	4957	3254	3278	2796	2445	1850	1455	2479	44751	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	7	13	16	47	
Less Than $22000	65	5	0	5	0	0	0	0	0	60	0	1	5	0	0	0	1	0	143	

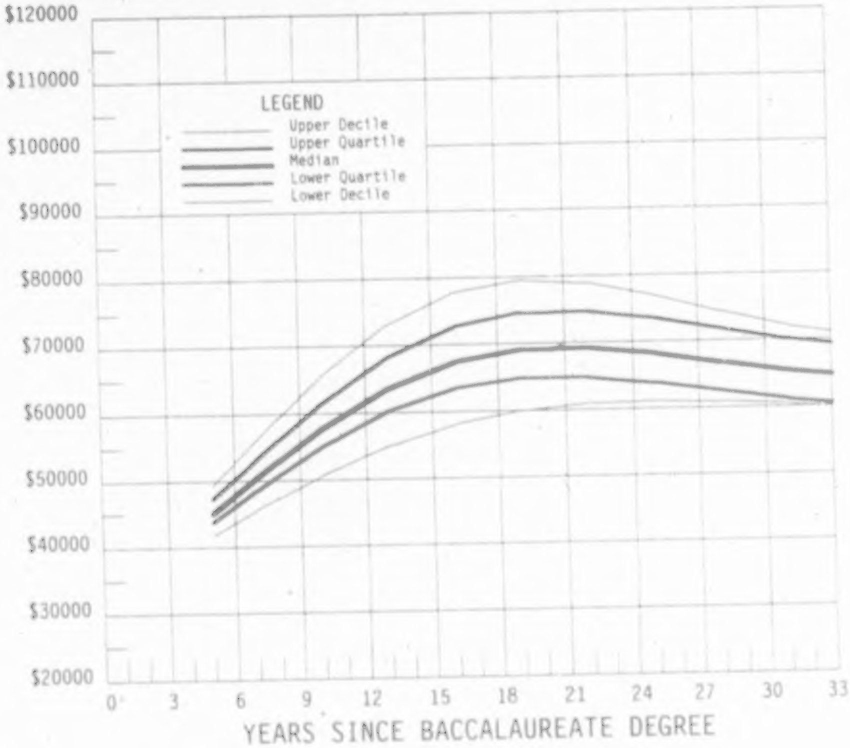
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37250	39850	42550	45350	48150	50950	53800	56550	59200	64150	70050	73800	75400	75350	74300	72750	71200	68500	67400	2.2
Upper Quartile	35650	38050	40500	43000	45550	48050	50550	52950	55250	59400	64200	67050	68100	67750	66600	65150	63700	61250	60000	2.2
Median	33800	35850	37900	40000	42100	44200	46250	48200	50100	53550	57450	59750	60500	60000	58750	57200	55600	52700	47300	2.2
Lower Quartile	32900	34550	36200	37800	39350	40900	42350	43750	45050	47350	49950	51500	52150	52200	51800	51250	50600	49550	41950	2.2
Lower Decile	30800	32250	33700	35100	36500	37800	39050	40200	41300	43200	45350	46600	47100	47050	46650	46150	45600	44650	34500	2.2
Mean	34500	36500	38500	40550	42550	44550	46550	48450	50250	53600	57500	59950	61000	60850	59950	58700	57350	54750	50200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	34000	42650	46900	43950	53100	49850	51250	60200	59750	64600	71500	71450	74100	69050	71700	77350	69600	76700	67400	
Upper Quartile	33650	40700	43100	43150	48000	46200	45850	52700	58050	60600	63100	69650	65300	64550	69100	69700	67350	60550	60000	
Median	33100	34000	39200	41800	44700	44550	43150	50650	49800	51700	56700	64100	53150	60500	62750	62050	65300	49550	47300	
Lower Quartile	32550	33000	36350	39650	40900	42800	41500	42500	43750	44200	48550	58850	50450	49400	61050	46250	57950	46800	41950	
Lower Decile	32200	32400	30950	35550	39150	41700	33150	38300	42100	41900	42750	55650	45450	47750	60000	33300	37200	44750	34500	
Mean	35200	36900	39350	41600	45150	45050	43000	48550	51400	52750	57100	63800	56600	58300	64500	59150	60450	54350	50200	
Supporting Data																				
Total Number	194	196	268	337	253	305	254	122	161	497	254	304	209	318	190	85	66	200	4212	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

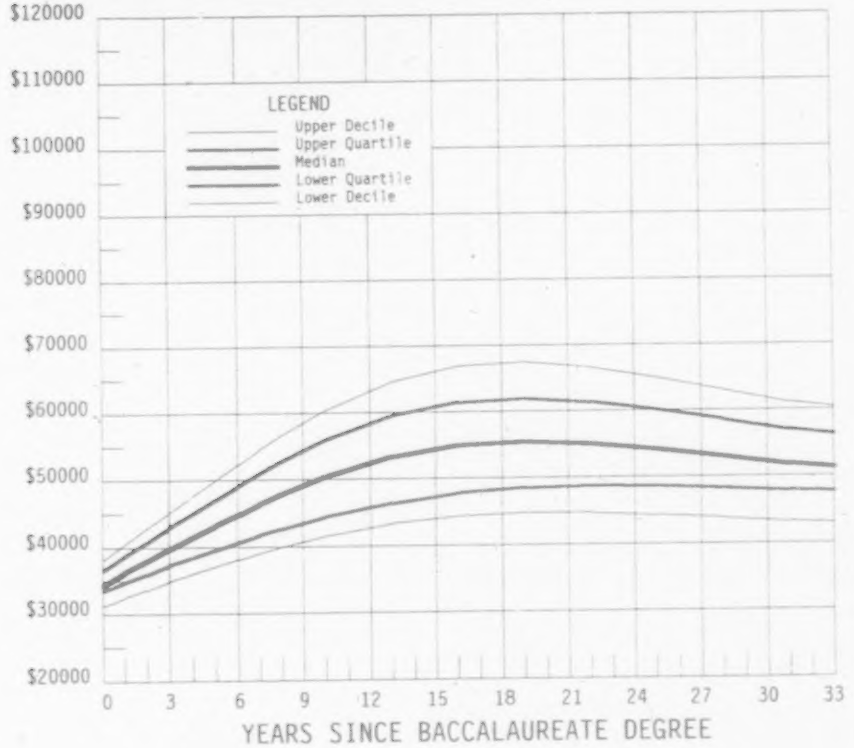
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	49400	52750	56050	59350	65550	73150	77800	79500	78900	76900	74450	72100	68250	73100	2.2
Upper Quartile	0	0	0	0	0	47250	50200	53150	56050	61450	68200	72650	74650	74700	73550	71850	70100	67050	68850	2.2
Median	0	0	0	0	0	45150	47750	50400	52950	57700	63500	67300	69050	69150	68200	66750	65300	62700	61650	2.2
Lower Quartile	0	0	0	0	0	43700	46100	48500	50800	55050	60200	63400	64800	64750	63800	62450	61100	58750	50300	2.2
Lower Decile	0	0	0	0	0	41750	43650	45550	47350	50700	55000	58050	60000	60900	61100	60850	60400	59400	43050	2.2
Mean	0	0	0	0	0	45550	48200	50800	53350	58100	64000	67850	69700	69850	69000	67650	66250	63750	59800	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	46900	52050	62250	62250	76750	80700	71900	77950	72600	71650	79050	71350	92850	73100	
Upper Quartile	0	0	0	0	0	45400	50650	52900	59900	63950	76600	70550	74900	68750	69550	77600	70350	79750	68850	
Median	0	0	0	0	0	43450	45250	51950	58600	62100	69150	68350	67100	62800	63100	70500	68700	76600	61650	
Lower Quartile	0	0	0	0	0	42250	43050	50950	57300	60300	62000	62600	65100	61400	61550	62800	66550	63650	50300	
Lower Decile	0	0	0	0	0	41500	41800	50400	56500	45400	60150	59800	52750	60550	60600	61100	65000	61450	43050	
Mean	0	0	0	0	0	44200	46300	53900	58900	61450	68800	66750	68300	64750	65550	70450	68450	75550	59800	
Supporting Data																				
Total Number	11	0	13	33	0	145	139	57	57	105	81	195	66	79	154	31	18	41	1223	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

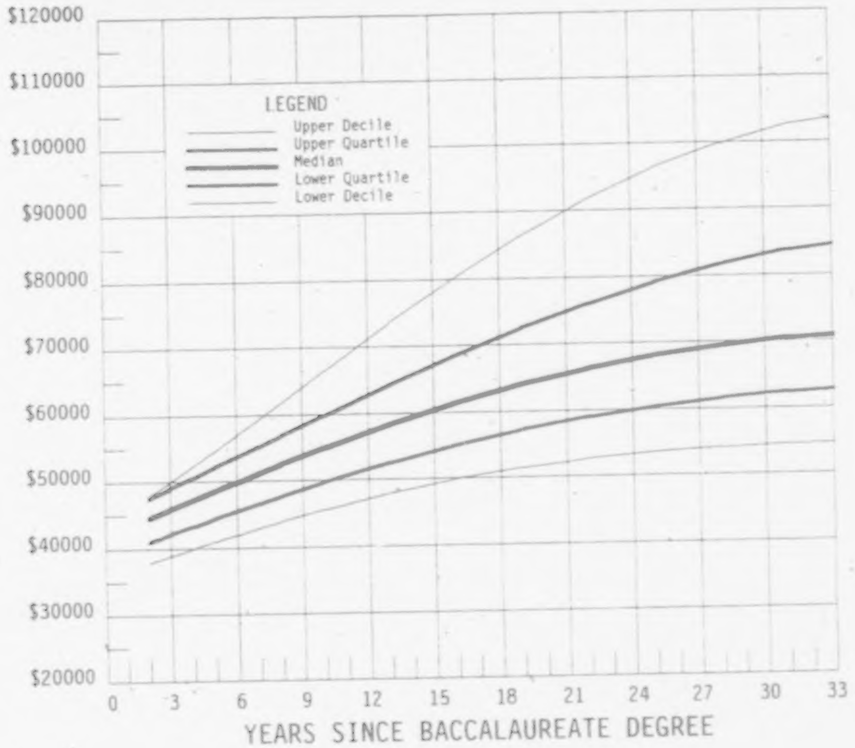
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38150	40450	42850	45200	47600	49950	52250	54500	56600	60350	64600	66900	67450	66600	65000	63050	61150	57750	60150	2.2
Upper Quartile	36600	38700	40750	42850	44950	47000	49000	50900	52700	55900	59450	61400	61900	61300	60050	58500	56950	54100	51850	2.2
Median	34400	36200	37950	39700	41450	43150	44800	46350	47800	50400	53300	54950	55400	55050	54150	53000	51800	49600	44650	2.2
Lower Quartile	33500	34750	36000	37250	38400	39550	40650	41700	42650	44400	46400	47750	48500	48750	48650	48300	47900	46950	40400	2.2
Lower Decile	31250	32450	33650	34850	36000	37050	38100	39050	39950	41550	43300	44350	44800	44750	44350	43850	43250	42100	33350	2.2
Mean	35050	36800	38550	40250	41950	43600	45200	46700	48150	50600	53400	54950	55400	55050	54200	53100	51950	49850	46300	2.2
Raw (Unsmoothed) Statistics --->																				
Upper Decile	33850	42650	47050	43800	53100	50250	43800	55250	56750	62300	62400	68600	55300	67150	76650	67650	67250	58300	60150	
Upper Quartile	33550	40700	43050	43050	48000	46550	43000	49350	49550	56550	59850	62450	53850	64350	62550	65100	66150	51700	51850	
Median	33050	34000	38800	41800	44700	45300	41650	42900	46000	50300	50350	58450	51600	54100	55900	56950	64250	48450	44650	
Lower Quartile	32500	33000	36250	39600	40900	44050	33300	39400	42800	43350	43950	56250	46450	48700	54450	44150	56300	46100	40400	
Lower Decile	32200	32400	30900	35400	39150	42250	32500	31150	41700	41550	42200	46950	45000	47500	53600	32850	36850	44450	33350	
Mean	33100	36900	39150	41500	45150	45750	39050	43950	47300	50400	51650	58550	51250	56200	60050	52600	57400	48950	46300	
Supporting Data																				
Total Number	183	196	255	304	253	160	115	65	105	392	173	109	143	239	35	54	48	160	2989	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

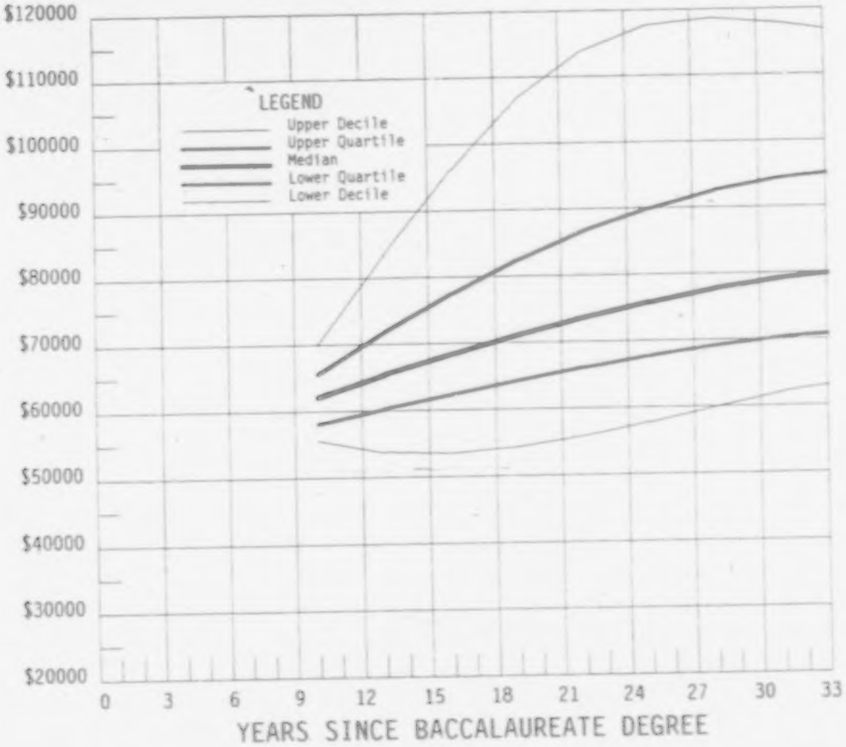
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	47750	49950	52250	54550	56900	59250	61650	66450	73550	80250	86400	91750	96200	99800	102500	106250	89000	2.2
Upper Quartile	0	0	47500	49000	50550	52100	53650	55200	56750	59800	64300	68550	72450	76000	79050	81650	83700	86700	71200	2.2
Median	0	0	44500	45850	47200	48500	49850	51150	52450	54900	58350	61450	64100	66250	68050	69400	70450	71850	61150	2.2
Lower Quartile	0	0	41000	42150	43250	44400	45500	46550	47650	49700	52500	55050	57200	59000	60400	61550	62400	63550	52600	2.2
Lower Decile	0	0	37850	38900	39950	40950	41950	42950	43850	45600	47950	49900	51450	52650	53500	54100	54500	54900	46600	2.2
Mean	0	0	43450	45000	46550	48050	49600	51150	52650	55600	59850	63650	67000	69850	72150	73950	75300	77150	[illegible]	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	51150	52050	54350	54700	56450	58750	60650	63950	72300	82200	91150	93950	98400	102850	109950	98850	89000	
Upper Quartile	0	0	47900	49150	51500	51800	52350	54900	56850	59750	65100	68850	71300	73300	77850	86650	87000	84550	71200	
Median	0	0	44550	46050	47050	48550	48550	51000	52550	55100	59050	61450	63400	65150	67250	70550	71300	71650	61150	
Lower Quartile	0	0	38600	41700	43100	44850	44500	46450	48700	50350	53600	54350	55700	56500	60300	62000	63550	63900	52600	
Lower Decile	0	0	35600	37800	41050	41050	41200	43700	44450	45550	50000	49150	49900	51500	53050	53050	55500	55650	46600	
Mean	0	0	43750	45500	47150	48450	48650	51000	52700	55100	60550	63550	66300	68600	72500	75950	77950	75450	64800	
Supporting Data																				
Total Number	32	44	79	105	99	171	152	250	301	894	756	633	465	530	642	566	544	1011	7275	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	22	8	66	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

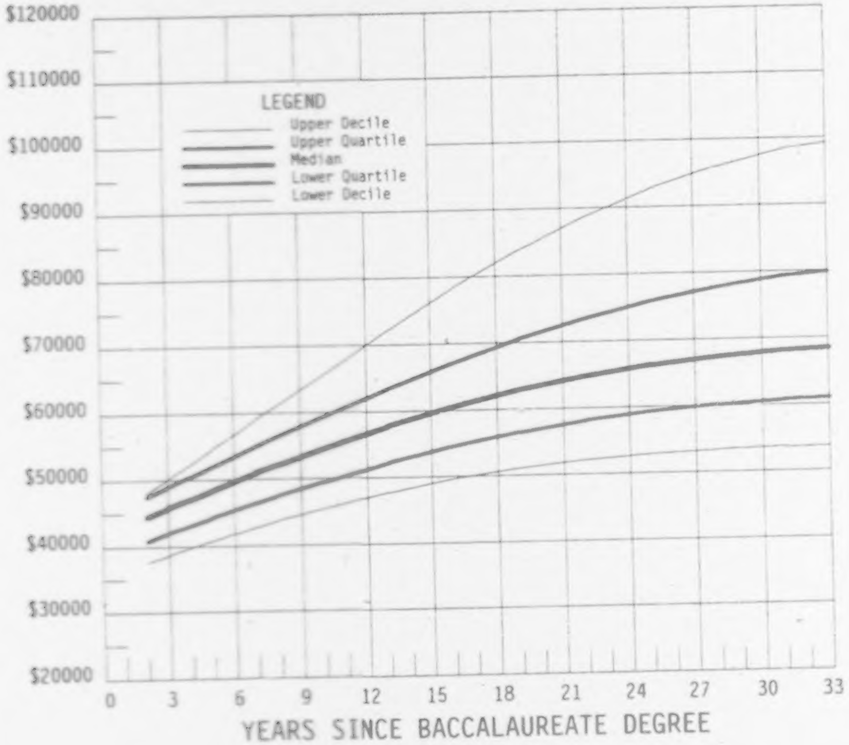
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	69900	83300	96050	106600	113850	117650	118650	117850	113750	111150	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	65500	71700	77400	82400	86600	89950	92550	94400	96850	89100	2.2
Median	0	0	0	0	0	0	0	0	0	62100	65350	68350	71100	73600	75800	77700	79200	81650	74000	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	58050	60200	62300	64250	66100	67750	69200	70350	72150	65500	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	55600	53750	53500	54300	55800	57750	59950	62050	65950	57500	2.2
Mean	0	0	0	0	0	0	0	0	0	61850	67250	72050	76100	79350	81850	83600	84850	86250	79550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	70700	86900	93600	87500	110000	135050	123750	122950	109100	111150	
Upper Quartile	0	0	0	0	0	0	0	0	0	66850	71950	75350	76100	85000	92850	97750	97900	93650	89100	
Median	0	0	0	0	0	0	0	0	0	62100	66150	67950	70650	71700	74200	80100	82150	80250	74000	
Lower Quartile	0	0	0	0	0	0	0	0	0	57000	62150	63800	61600	65000	66800	71400	70050	72000	65500	
Lower Decile	0	0	0	0	0	0	0	0	0	53150	59950	53950	48700	54350	57550	62450	64450	64550	57500	
Mean	0	0	0	0	0	0	0	0	0	61850	69900	70800	70100	76250	84350	87450	88350	83750	79550	
Supporting Data																				
Total Number	3	0	0	0	0	0	1	7	6	72	71	75	63	82	113	131	136	240	1000	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	12	12	3	41	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

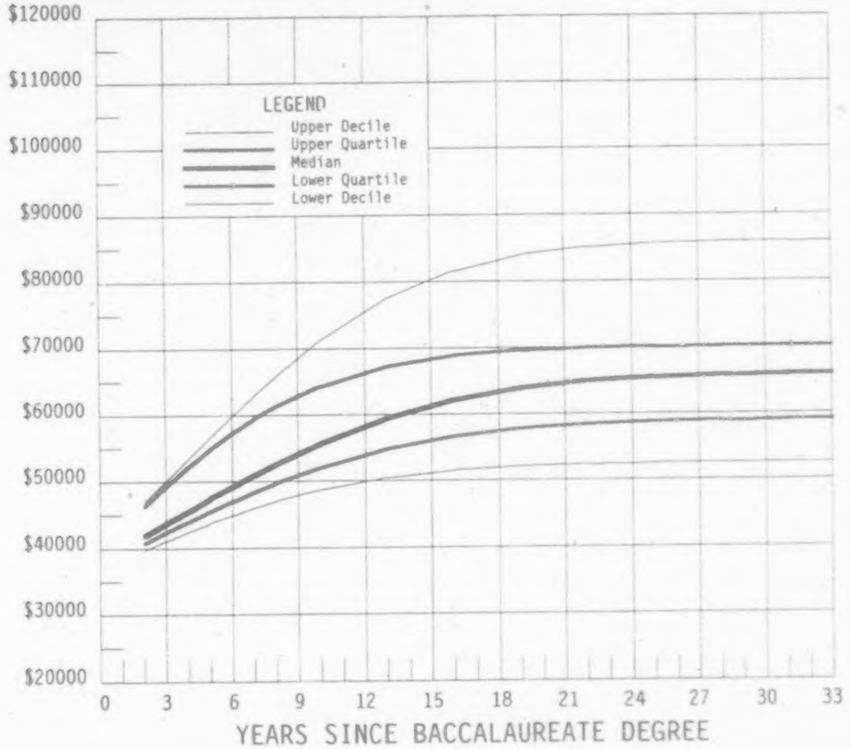
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	0	0	48050	50150	52300	54500	56700	58950	61150	65600	72150	78250	83800	88650	92650	95900	98350	101700	83900	2.2
Upper Quartile	0	0	47400	48950	50450	51950	53450	54950	56450	59300	63400	67150	70500	73400	75800	77750	79250	81350	68300	2.2
Median	0	0	44500	45800	47100	48400	49700	50950	52150	54500	57700	60500	62900	64800	66300	67400	68200	69300	59250	2.2
Lower Quartile	0	0	40850	42050	43150	44300	45400	46450	47500	49500	52200	54550	56500	58050	59250	60150	60750	61600	51750	2.2
Lower Decile	0	0	37650	38700	39800	40800	41850	42800	43750	45500	47800	49700	51150	52200	52900	53350	53650	53850	46000	2.2
Mean	0	0	43550	45050	46500	48000	49450	50900	52350	55150	59050	62500	65500	68000	69950	71450	72550	74000	62450	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	51150	52050	54350	54700	56100	58050	60450	63150	71100	79750	92150	90300	94800	96100	101850	96300	83900	
Upper Quartile	0	0	47900	49150	51500	51800	52250	54550	56650	59100	63950	67500	70050	71350	74800	82500	81900	79300	68300	
Median	0	0	44550	46050	47050	48550	48500	50750	52400	54650	58100	60500	62550	63950	66050	68100	68450	69250	59250	
Lower Quartile	0	0	38600	41700	43100	44850	44500	46300	48600	50050	53200	53900	55200	55700	59300	60350	61550	62150	51750	
Lower Decile	0	0	35600	37800	41050	41050	41200	43550	44400	45300	49300	49100	49950	51250	52500	52550	54150	54600	46000	
Mean	0	0	43750	45500	47150	48450	48600	50750	52500	54500	59550	62600	65750	67200	70000	72450	74500	72850	62450	
Supporting Data																				
Total Number	28	44	79	105	99	171	152	242	295	821	685	558	403	448	529	434	408	772	6275	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	11	5	25	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

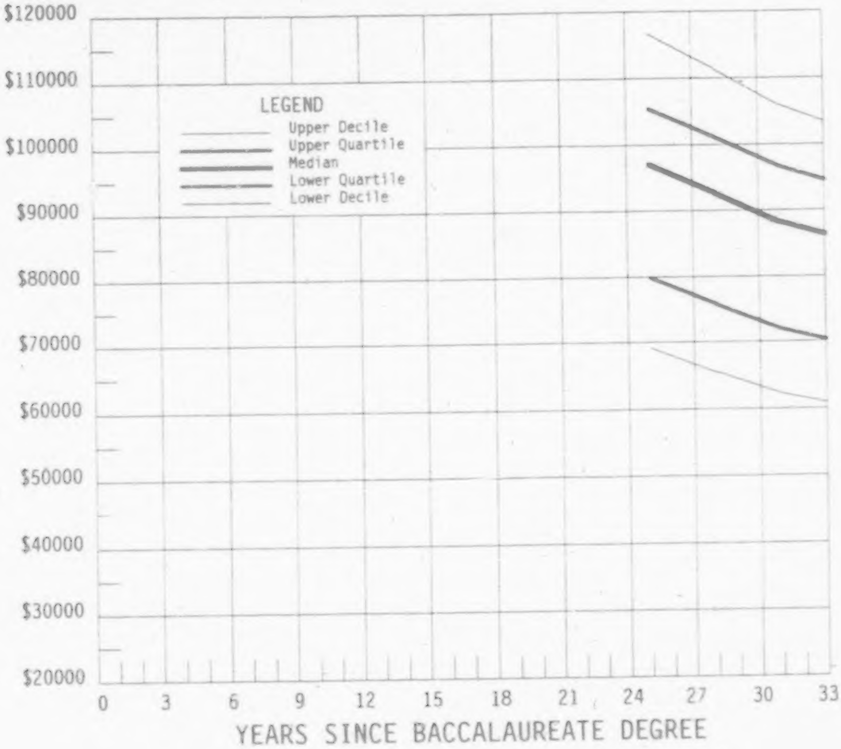
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	0	0	46950	50100	53350	56600	59800	62900	65850	71250	77500	81600	83950	85150	85700	85900	85950	86000	78300	7.0
Upper Quartile	0	0	46250	49300	52200	54850	57250	59400	61300	64350	67300	68900	69650	70000	70100	70150	70150	70150	62100	8.0
Median	0	0	41950	43750	45550	47400	49150	50900	52550	55600	59350	62100	63900	64950	65500	65800	65900	65950	52250	5.8
Lower Quartile	0	0	40750	42400	44000	45500	47000	48400	49700	52000	54750	56600	57750	58400	58750	58900	58950	58950	44700	6.0
Lower Decile	0	0	39700	41150	42500	43750	44950	46050	47050	48700	50450	51500	52050	52350	52450	52500	52500	52500	38450	7.2
Mean	0	0	43350	45650	47850	50000	52100	54050	55900	59050	62650	64950	66250	66950	67250	67350	67400	67450	55400	6.8
Raw (Unsmoothed) Statistics																				
Upper Decile	40550	0	46650	78250	51200	63300	56800	52950	52650	63500	66700	68650	91800	82750	107500	117100	96500	94500	78300	
Upper Quartile	39600	0	46150	43900	48500	61900	54500	52450	51450	61000	62700	62900	79000	56000	96250	94850	77000	91900	62100	
Median	38000	0	45350	42800	40000	48000	49000	51600	48950	50950	59400	60800	68700	54950	82500	70600	70000	80000	52250	
Lower Quartile	36950	0	44500	41750	38500	45400	47000	50700	44950	46250	56300	55400	62800	53850	59000	60650	59500	67000	44700	
Lower Decile	36300	0	44050	41100	37200	44400	39200	50200	42600	40100	46000	52500	54900	53200	55100	49800	57400	57600	38450	
Mean	38500	0	44950	49900	42600	53350	48950	51850	48450	52200	58850	60000	71750	60650	79950	78950	71050	78550	55400	
Supporting Data																				
Total Number	169	7	93	19	26	186	34	97	23	60	57	36	70	120	30	40	30	60	1154	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

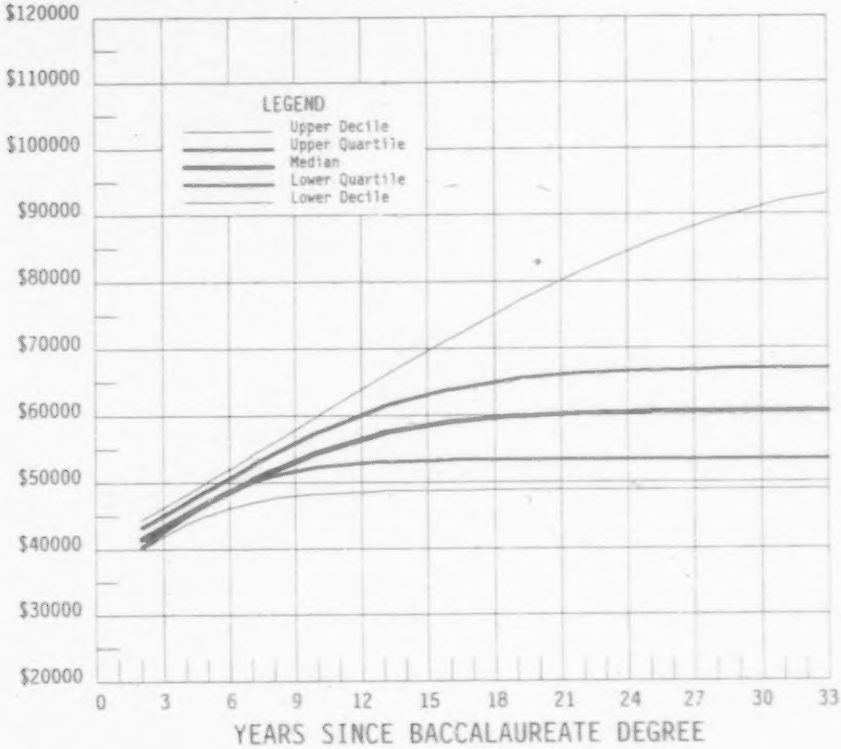
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116700	111400	105950	96050	98350	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105550	101200	96650	88450	81100	2.2
Median	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97050	92650	88250	80550	63300	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79900	75750	71950	65500	61300	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69200	65500	62200	56800	60100	2.2
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93500	89200	85000	77650	72350	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	63750	0	0	0	0	0	0	106600	0	115000	123350	0	98000	98350	
Upper Quartile	0	0	0	0	0	63100	0	0	0	0	0	0	90800	0	100000	115250	0	95000	81100	
Median	0	0	0	0	0	62000	0	0	0	0	0	0	80800	0	95000	101850	0	90000	63300	
Lower Quartile	0	0	0	0	0	60900	0	0	0	0	0	0	67350	0	90000	68300	0	80000	61300	
Lower Decile	0	0	0	0	0	60250	0	0	0	0	0	0	62950	0	57600	61700	0	77600	60100	
Mean	0	0	0	0	0	61700	0	0	0	0	0	0	81550	0	90100	93450	0	87600	72350	
Supporting Data																				
Total Number	0	0	0	4	0	89	4	4	0	9	1	4	31	9	17	18	4	17	212	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

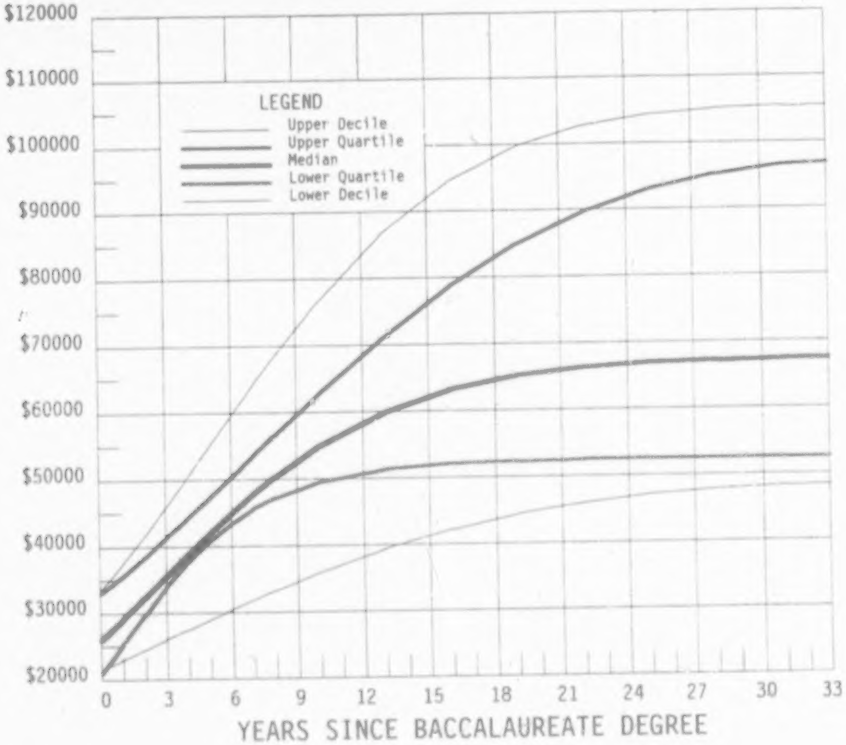
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	0	0	44500	46350	48200	50150	52050	54050	56000	59950	65850	71550	76900	81650	85850	89300	92050	96000	68000	2.4
Upper Quartile	0	0	43300	45100	46950	48850	50700	52550	54300	57500	61350	63900	65450	66300	66650	66850	66900	66900	55650	6.6
Median	0	0	41600	43400	45200	47000	48700	50350	51900	54500	57350	59000	59900	60300	60450	60500	60500	60550	49700	7.6
Lower Quartile	0	0	40350	42700	45000	47050	48750	50050	51100	52350	53150	53350	53400	53400	53400	53400	53400	53400	43300	14.2
Lower Decile	0	0	40050	42000	43750	45150	46250	47050	47650	48350	48750	48800	48850	48850	48850	48850	48850	48850	37950	15.0
Mean	0	0	42000	43600	45200	46800	48400	49950	51450	54250	57850	60600	62500	63700	64350	64700	64850	64900	51550	5.4
Raw (Unsmoothed) Statistics																				
Upper Decile	40550	0	46650	43650	51200	47750	57200	52950	52650	63400	66800	69050	74200	82300	83500	92500	97000	93350	68000	
Upper Quartile	39600	0	46150	43150	48500	46550	54900	52450	51450	54400	62750	62900	71000	55750	81250	79000	78000	90850	55650	
Median	38000	0	45350	42300	40000	45650	49250	51600	48950	49500	59500	60450	65000	54800	62000	62000	72000	70000	49700	
Lower Quartile	36950	0	44500	41500	38500	44750	40600	50700	44950	45500	56250	54850	60500	53800	55250	50750	59000	65000	43300	
Lower Decile	36300	0	44050	33900	37200	44200	39050	50200	42600	39800	45950	52200	46700	53200	53900	48500	57200	56000	37950	
Mean	38500	0	44950	41500	42600	45750	49000	51900	48450	50550	58900	59750	63800	59100	66350	66500	72600	74950	51550	
Supporting Data																				
Total Number	169	7	93	14	26	97	30	93	23	51	56	31	38	111	13	21	26	43	942	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

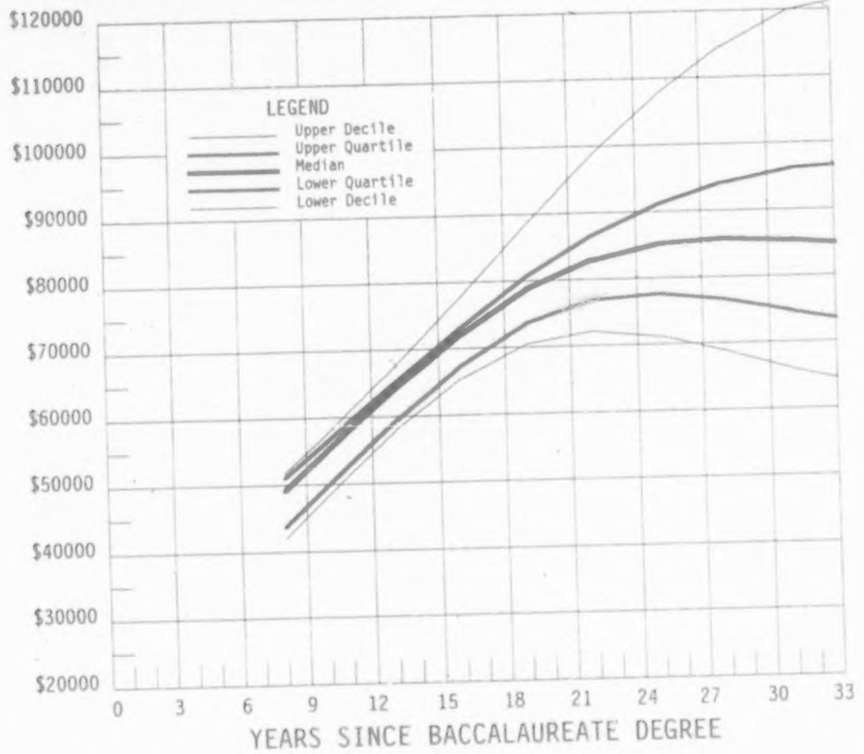
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	33350	37300	41500	45850	50350	54900	59500	64000	68350	76600	86950	94600	99650	102700	104300	105100	105400	105550	92550	5.8
Upper Quartile	32900	35550	38350	41250	44200	47200	50300	53400	56500	62600	71200	78700	84850	89550	92950	95200	96550	97650	73650	3.8
Median	26000	29100	32350	35550	38800	41900	44900	47700	50300	54850	59850	63150	65150	66300	66900	67200	67300	67350	51700	5.6
Lower Quartile	20950	25350	29750	33900	37600	40800	43400	45550	47200	49550	51300	52050	52350	52450	52450	52450	52450	52450	43350	9.8
Lower Decile	21600	23050	24550	26050	27550	29000	30500	31900	33300	35950	39400	42200	44400	45950	47100	47800	48250	48650	27000	3.6
Mean	27000	30550	34200	37850	41500	45050	48450	51600	54550	59600	65150	68550	70450	71350	71800	71950	72000	72000	57750	7.0
Raw (Unsmoothed) Statistics																				
Upper Decile	31650	43700	46450	50150	51700	54700	61450	65550	63050	67800	85900	94850	93200	119100	120200	112800	135750	122600	92550	
Upper Quartile	30700	38500	44000	46750	47000	52500	57750	61450	54150	51900	78450	86700	78450	105300	106400	93050	114900	100700	73650	
Median	27150	25350	27850	31900	45950	51450	54250	56600	51950	48350	68950	78900	52550	89900	92350	75250	97100	49050	51700	
Lower Quartile	21150	24700	26900	30950	44900	50450	50600	52150	50800	40000	55450	69950	51250	78750	78550	73350	81050	29000	43350	
Lower Decile	19250	24250	26350	30400	44250	47550	47500	49000	50100	20700	53750	60200	50500	63000	67050	72200	69450	28400	27000	
Mean	26700	29750	34850	38700	46850	51650	54150	56850	54100	47300	68800	78600	65200	91800	93400	84400	99600	66400	57750	
Supporting Data																				
Total Number	236	103	139	144	157	158	42	47	130	505	301	138	315	126	107	152	66	154	3018	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	5	5	5	8	13	39	
Less Than $22000	75	0	0	0	0	0	0	0	0	75	0	1	0	0	0	0	0	0	152	

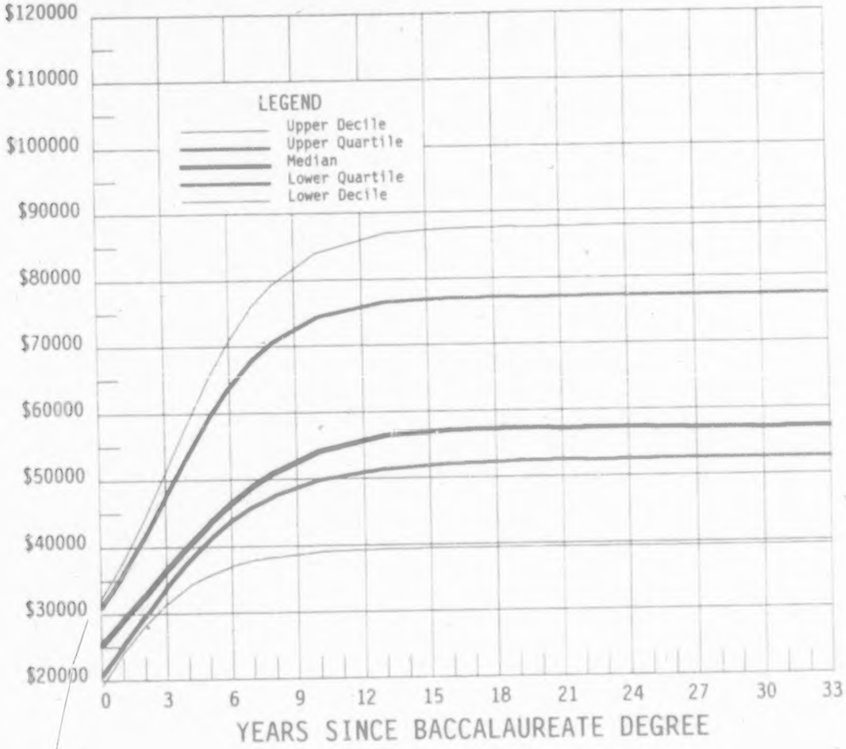
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	51700	57650	67350	77750	88350	98500	107450	114650	119850	125050	98600	3.4
Upper Quartile	0	0	0	0	0	0	0	0	50950	56500	64950	73150	80500	86550	91100	94200	96100	97700	75400	2.2
Median	0	0	0	0	0	0	0	0	49200	55150	64050	72150	78600	82900	85200	85800	85400	83150	51000	2.2
Lower Quartile	0	0	0	0	0	0	0	0	43650	49850	59200	67500	73550	76850	77600	76600	74700	70200	46300	2.2
Lower Decile	0	0	0	0	0	0	0	0	42100	48400	57800	65600	70500	72200	71250	68850	66000	60350	40500	2.2
Mean	0	0	0	0	0	0	0	0	48950	55050	64350	73050	80300	85450	88450	89650	89650	87850	64150	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	46700	0	0	0	52800	49900	98000	113550	128750	124850	138000	91600	157000	165500	98600	
Upper Quartile	0	0	0	0	46250	0	0	0	52350	49050	92200	98350	106250	115250	114400	75400	130000	151250	75400	
Median	0	0	0	0	45500	0	0	0	51550	47650	83000	90000	91250	99150	97100	74250	100000	127500	51000	
Lower Quartile	0	0	0	0	44750	0	0	0	50800	39950	73000	80700	80250	83750	81550	73100	82500	98750	46300	
Lower Decile	0	0	0	0	44300	0	0	0	50300	38800	67050	72250	69700	60400	70800	72400	69600	84500	40500	
Mean	0	0	0	0	45500	0	0	0	52200	47100	82850	90550	94750	99250	100200	78750	107450	125700	64150	
Supporting Data																				
Total Number	0	0	0	0	105	1	3	2	79	198	37	21	24	26	24	88	12	12	632	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	6	21	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

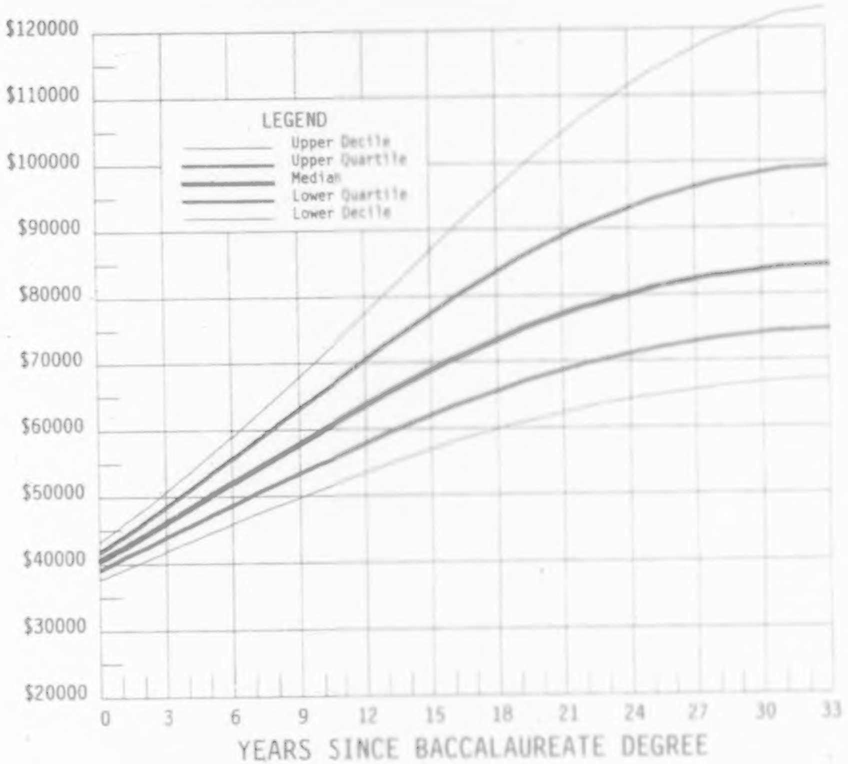
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	32350	37650	44100	51200	58350	65100	70950	75750	79450	84100	86850	87550	87700	87750	87750	87750	87750	87750	90550	15.0
Upper Quartile	31100	35750	41400	47450	53500	59100	63900	67750	70700	74350	76500	77050	77150	77200	77200	77200	77200	77200	71850	15.0
Median	25250	28950	32700	36500	40100	43400	46400	48950	51100	54150	56450	57200	57350	57300	57250	57200	57150	57150	51850	5.4
Lower Quartile	20800	25200	29650	33900	37750	41050	43800	45950	47600	49850	51450	52100	52400	52500	52550	52550	52550	52550	31900	8.4
Lower Decile	19200	24050	28250	31550	34050	35800	37000	37850	38400	39050	39350	39450	39450	39450	39450	39450	39450	39450	26150	15.0
Mean	26700	30650	34750	38800	42750	46500	49950	53100	55900	60400	64750	67000	68000	68400	68550	68600	68650	68650	56050	8.6
Raw (Unsmoothed) Statistics																				
Upper Decile	31650	43700	46450	50150	54800	54550	60500	65700	68150	69950	83000	91700	89350	116600	117950	118350	124650	116850	90550	
Upper Quartile	30700	38500	44000	46750	52250	52500	57000	61700	62150	59800	76450	84700	74900	101000	104100	104100	112950	94500	71850	
Median	27150	25350	27850	31900	49750	51450	53900	56800	55750	48950	66250	77750	52350	88050	91500	91400	96100	29900	51850	
Lower Quartile	21150	24700	26900	30950	47150	50450	50350	51950	51050	42850	55100	68600	51150	78000	77750	78500	80900	28950	31900	
Lower Decile	19250	24250	26350	30400	43600	47700	47350	48800	48050	19650	53650	58800	50450	63500	65900	68500	69400	28400	26150	
Mean	26700	29750	34850	38700	49600	51550	53600	56900	57150	47450	66850	76500	62750	89800	91450	92300	97900	61250	56050	
Supporting Data																				
Total Number	236	103	139	144	52	157	39	45	50	308	263	118	291	99	83	64	54	142	2386	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	5	6	18	
Less Than $22000	75	0	0	0	0	0	0	0	0	75	0	1	0	0	0	0	0	0	152	

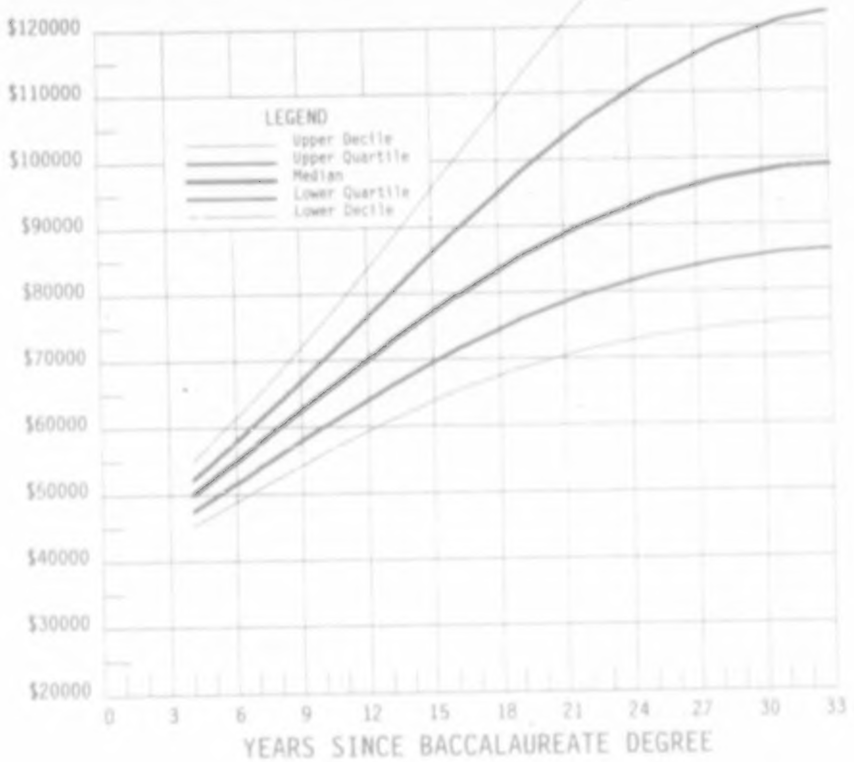
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43350	45700	48150	50750	53400	56150	59000	61900	64900	71050	80600	90050	99000	107000	113600	118700	122150	125600	95750	3.4
Upper Quartile	41700	43900	46150	48500	50850	53250	55700	58150	60650	65600	72850	79650	85600	90550	94350	97100	98850	100400	80200	3.6
Median	40450	42300	44200	46150	48100	50050	52050	54000	55950	59850	65400	70450	74800	78300	81000	82900	84100	85200	67300	3.6
Lower Quartile	39150	40750	42300	43900	45500	47150	48750	50350	51900	55000	59400	63400	66500	69600	71800	73400	[illegible]	75450	54800	3.4
Lower Decile	37700	39050	40450	41800	43200	44550	45900	47250	48600	51150	54800	58050	60800	63050	64800	66050	66900	67700	46550	3.4
Mean	40400	42250	44200	46150	48200	50250	52300	54400	56500	60700	66850	72650	77850	82250	85750	88350	90050	91750	70350	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	0	46400	48400	49750	52050	55350	58600	61650	64550	71600	81850	90550	97750	110200	113400	117750	120400	122500	95750	
Upper Quartile	0	45050	46450	47650	49650	52400	54850	57000	60300	66550	73950	80500	85400	90450	94550	95400	98800	98950	80200	
Median	0	43200	44800	45600	46950	49350	51200	52700	54900	60900	66400	71100	74400	78150	81000	82350	83650	84100	67300	
Lower Quartile	0	41650	42750	43750	44800	46850	48300	49250	50550	55100	60350	64350	66550	68800	73050	73200	74100	73750	54800	
Lower Decile	0	39700	41200	41850	42500	44200	45900	46200	47400	50750	56100	58050	61200	62150	65600	65950	66850	66300	46550	
Mean	0	43000	44700	45750	47200	49700	51600	53300	55600	61250	67750	73200	77850	82400	85850	87650	89650	90200	70350	
Supporting Data																				
Total Number	76	164	261	412	475	450	377	299	366	1191	1728	1001	1104	916	884	845	668	685	11902	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	18	27	34	55	47	58	241	
Less Than $22000	0	1	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	6	

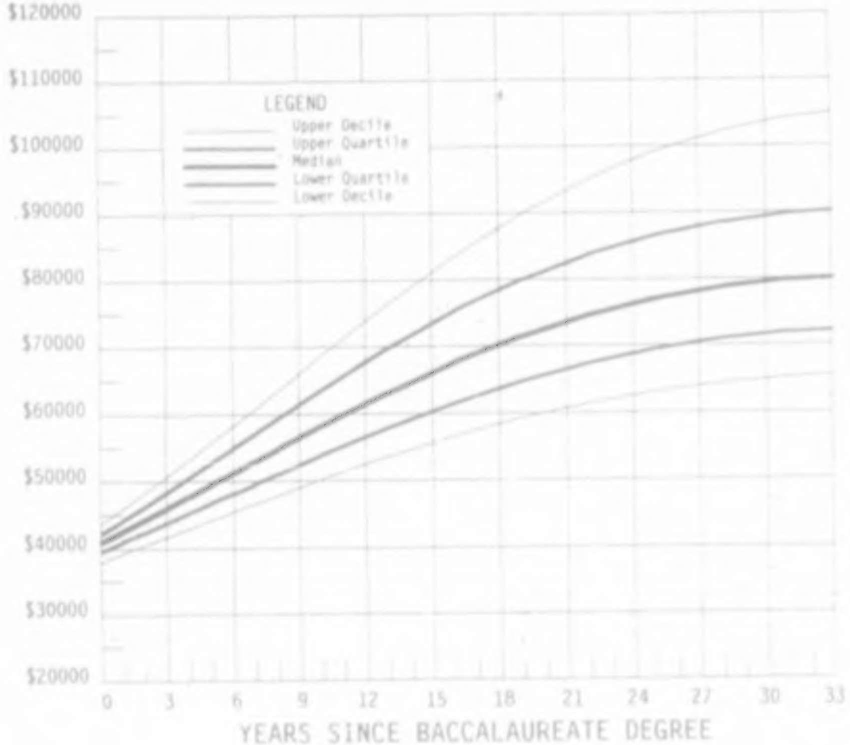
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	55000	58150	61400	64800	68300	75700	37550	99900	112250	123900	134200	142550	148700	155450	119050	3.2
Upper Quartile	0	0	0	0	52200	55000	57850	60850	63900	70150	79750	89250	98050	105800	112250	117250	120900	125550	95750	2.2
Median	0	0	0	0	50000	52500	55000	57550	60100	65200	72650	79450	85450	90350	94150	96850	98550	100100	80800	3.6
Lower Quartile	0	0	0	0	47550	49600	51700	53800	55900	60050	66050	71400	76000	79700	82500	84450	85800	87200	67850	2.2
Lower Decile	0	0	0	0	45350	47150	49000	50800	52600	56100	60950	65250	68700	71400	73350	74600	75400	76100	59050	2.2
Mean	0	0	0	0	50000	52550	55100	57750	60400	65750	73800	81550	88600	94700	99600	103250	105700	108100	85400	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	51700	55050	62000	59750	67600	78950	87850	99450	117800	122800	125650	146350	148100	156650	119050	
Upper Quartile	0	0	0	0	49650	52450	58700	57600	63050	70750	80150	90700	97800	106250	109400	116650	120000	129100	95750	
Median	0	0	0	0	48150	50000	55250	54850	58950	65750	72600	81400	86750	89600	93350	94650	100600	98700	80800	
Lower Quartile	0	0	0	0	46400	47750	51600	52500	55000	61200	66350	72650	73850	79300	81200	85100	87000	88100	67850	
Lower Decile	0	0	0	0	44800	45550	48750	49600	52000	56900	61950	65350	67000	69250	73600	75050	77100	76500	59050	
Mean	0	0	0	0	47950	50900	55350	54950	59400	66600	73800	82500	89500	94400	97850	102550	106000	108800	85400	
Supporting Data																				
Total Number	0	3	7	13	36	36	45	36	67	319	525	302	335	300	306	275	199	169	2973	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	18	24	31	48	37	46	205	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	

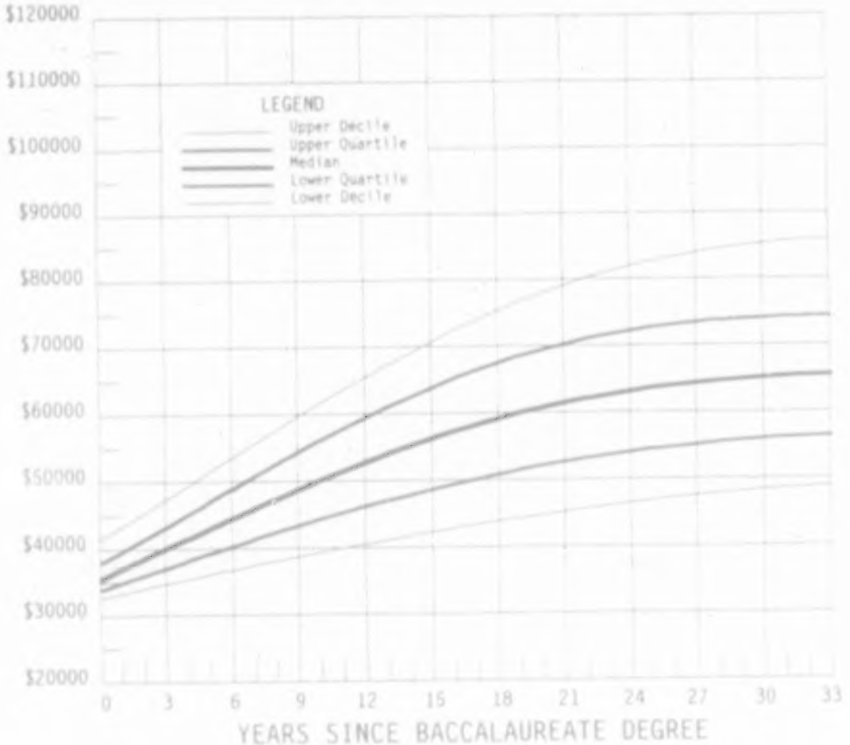
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	43700	45950	48300	50650	53150	55650	58200	60800	63400	68650	76350	83550	89850	95100	99200	102150	104250	106650	86700	2.2
Upper Quartile	42150	44150	46200	48350	50500	52650	54850	57050	59250	63550	69750	75300	80000	83750	86550	88500	89800	91200	75400	2.2
Median	40900	42550	44250	45950	47700	49450	51200	52950	54700	58200	63100	67600	71450	74600	77000	78700	79800	80750	63850	3.6
Lower Quartile	39600	41000	42400	43800	45250	46700	48150	49550	51000	53800	57850	61500	64700	67350	69400	70900	71900	72850	51600	3.4
Lower Decile	38050	39300	40500	41750	42950	44200	45450	46650	47850	50250	53600	56650	59300	61450	63150	64400	65200	66000	45400	3.4
Mean	40750	42500	44250	46050	47900	49750	51600	53400	55250	58900	64150	68950	73150	76700	79450	81450	82800	84050	65350	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	0	46300	48300	49650	52100	55400	57800	61850	63700	69250	77800	83150	88000	96150	97900	98550	104050	110850	86700	
Upper Quartile	0	44950	46400	47500	49650	52400	54200	56850	59400	64550	70450	75450	79050	82850	86500	87600	89500	92750	75400	
Median	0	43150	44800	45550	46800	49300	50700	52250	53600	58800	64050	67900	71650	74400	77400	77800	79200	79950	63850	
Lower Quartile	0	41650	42700	43700	44700	46700	48100	48900	50000	53600	58650	62150	64950	66500	70000	70300	71850	72100	51600	
Lower Decile	0	39600	41200	41800	42350	44100	45500	45900	47100	49900	54550	56800	59750	60250	63700	64450	65500	64900	45400	
Mean	0	42950	44650	45650	47150	49600	51100	53100	54750	59250	65050	69150	72800	76500	79500	80450	82700	84150	65350	
Supporting Data																				
Total Number	76	161	254	399	439	414	332	263	299	872	1203	699	789	616	576	570	469	516	8929	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	3	3	7	10	12	36	
Less Than $22000	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	5	

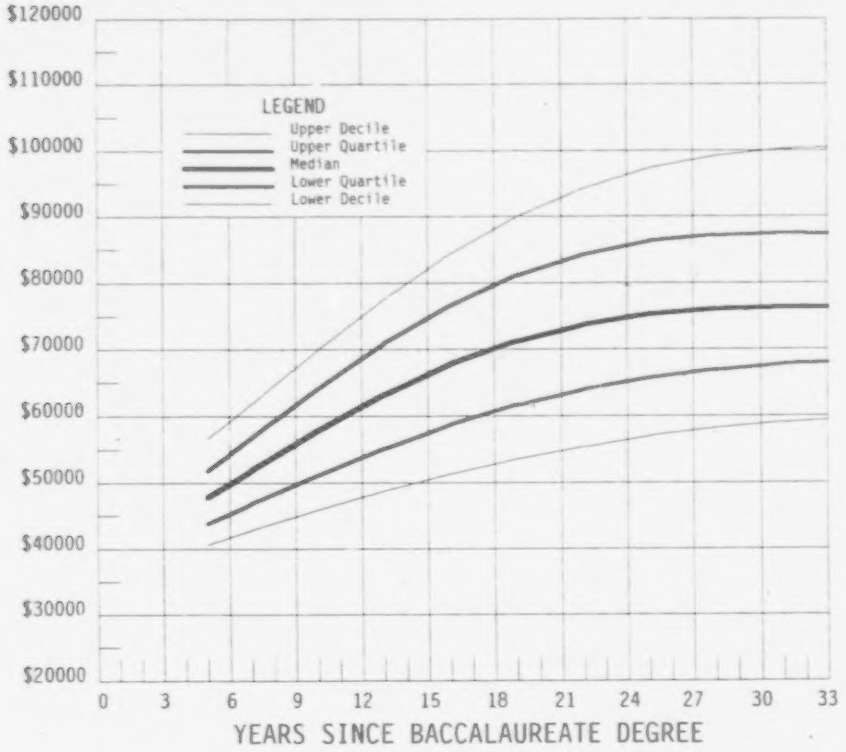
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	41450	43350	45350	47350	49350	51400	53500	55550	57600	61650	67350	72450	76800	80200	82750	84550	85700	86950	73800	2.2
Upper Quartile	37800	39550	41400	43200	45100	46950	48850	50700	52550	56100	61000	65250	68600	71050	72700	73750	74250	74500	63850	2.2
Median	35550	37000	38500	40000	41500	42950	44450	45900	47350	50150	54000	57300	60000	62100	63650	64650	65350	66000	53700	2.2
Lower Quartile	33800	34900	36000	37050	38150	39250	40300	41350	42400	44350	47100	49450	51500	53150	54460	55400	56150	57050	45050	2.2
Lower Decile	32650	33350	34050	34750	35400	36100	36800	37450	38100	39400	41200	42850	44350	45700	46850	47800	48600	49850	38800	2.2
Mean	36250	37700	39150	40600	42050	43500	44950	46400	47800	50550	54350	57700	60500	62750	64450	65700	66550	67550	55600	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	41300	44400	45600	46050	47750	51950	53600	56150	58550	62800	68800	71250	75100	75550	79700	84050	88500	90100	73800	
Upper Quartile	36950	39050	40950	42750	43800	47500	48300	51650	53600	57150	61800	63850	66700	67550	70450	73450	75700	77350	63850	
Median	35150	35850	37800	39800	40800	42850	43800	46500	48500	51400	54600	55850	57400	60000	63050	64950	66500	67600	53700	
Lower Quartile	33600	33800	35200	36650	37450	38700	39850	41750	43650	45450	47550	48500	49350	51400	54050	55050	57200	58500	45050	
Lower Decile	31700	32050	32950	34450	35050	35600	36750	38100	39450	40400	41250	42150	42550	43200	46750	48450	50250	50700	38800	
Mean	36550	36950	38650	40000	41200	43450	44700	46850	48800	51600	55000	56700	58650	60250	63150	65450	68200	69350	55600	
Supporting Data																				
Total Number	194	176	245	318	383	508	525	723	864	2445	1981	1500	1105	1075	1018	871	838	1437	16206	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	5	6	13	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	

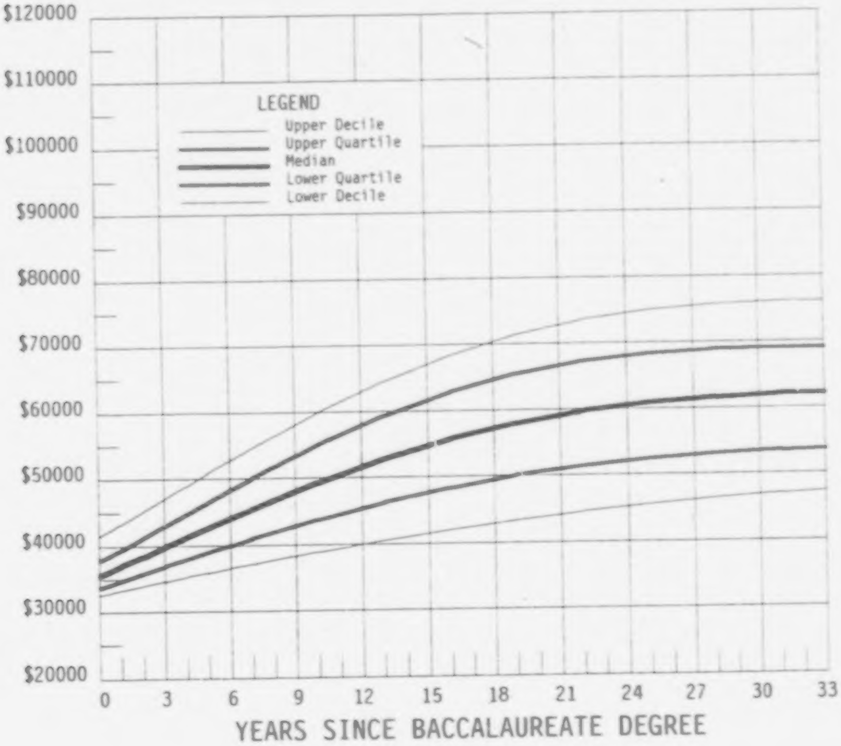
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	56550	59200	61850	64550	69900	77500	84350	89950	94300	97300	99200	100250	100950	91200	2.2
Upper Quartile	0	0	0	0	0	51900	54350	56800	59250	64100	70850	76600	81150	84300	86250	87200	87500	87050	79500	2.2
Median	0	0	0	0	0	47900	49900	51950	53950	57850	63200	67750	71250	73700	75250	76050	76350	76150	69250	2.2
Lower Quartile	0	0	0	0	0	43850	45350	46850	48350	51200	55200	58700	61650	63950	65650	66900	67750	68650	58850	2.2
Lower Decile	0	0	0	0	0	40700	41800	42850	43900	45950	48800	51350	53600	55450	57000	58200	59100	60400	49800	2.2
Mean	0	0	0	0	0	48550	50550	52550	54500	58300	63600	68200	71900	74650	76550	77750	78350	78750	70400	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	60500	63850	67200	66250	72300	78650	83300	88750	89400	89050	95800	105200	105450	91200	
Upper Quartile	0	0	0	0	0	54400	58600	62000	60100	66350	72500	74650	79300	80600	81800	84150	89850	90700	79500	
Median	0	0	0	0	0	49450	51500	57150	54050	60400	64050	66350	70100	69650	71650	76350	78000	78250	69250	
Lower Quartile	0	0	0	0	0	44750	45050	50500	48050	53950	56850	56150	60150	61050	63400	67650	68500	70450	58850	
Lower Decile	0	0	0	0	0	41750	41800	46100	44450	48800	50350	48500	50800	54700	55650	57500	60900	61750	49800	
Mean	0	0	0	0	0	50000	53250	57050	54900	60750	64750	66650	70050	71700	72600	76350	80850	81200	70400	
Supporting Data																				
Total Number	9	5	2	21	19	35	31	34	63	254	321	271	252	245	221	245	256	425	2709	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	5	5	12	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

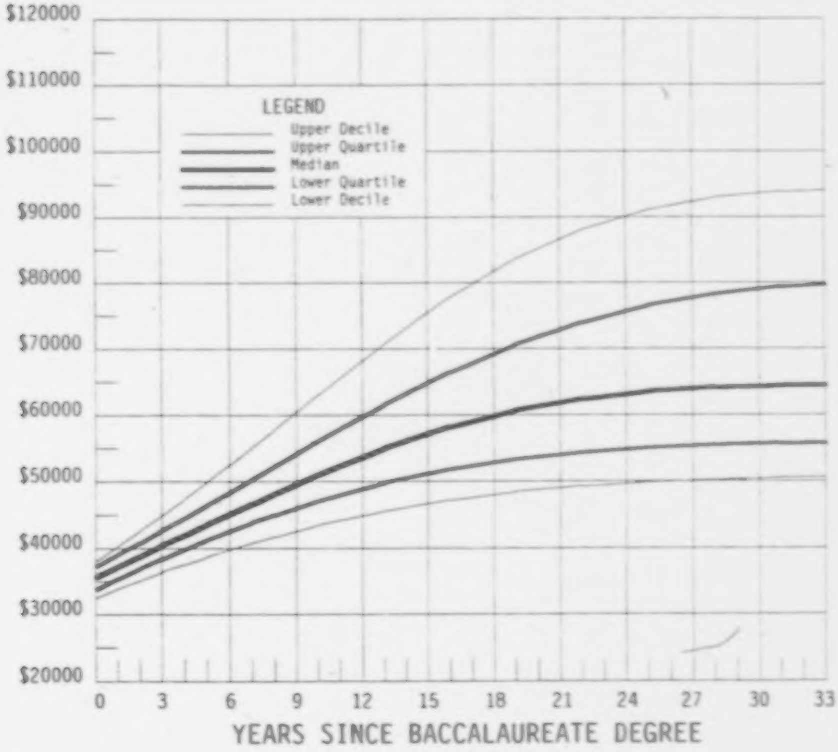
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41500	43350	45200	47100	48950	50850	52700	54550	56350	59850	64500	68400	71400	73550	74900	75700	76050	76050	67900	2.2
Upper Quartile	37700	39450	41200	43000	44750	46500	48300	50000	51700	54950	59250	62800	65500	67300	68400	68900	69050	68750	60450	2.2
Median	35600	37000	38400	39850	41250	42650	44050	45400	46750	49300	52750	55650	57950	59650	60850	61600	62050	62400	51700	2.2
Lower Quartile	33700	34800	35850	36900	37950	39000	40000	41000	41950	43800	46250	48350	50050	51350	52350	53050	53500	54050	43600	2.2
Lower Decile	32700	33350	34000	34650	35300	35900	36550	37150	37750	38900	40550	42050	43400	44550	45600	46450	47100	48200	38100	2.2
Mean	36300	37700	39050	40400	41800	43150	44450	45750	47050	49450	52750	55500	57750	59400	60600	61400	61850	62350	52600	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40250	44550	45600	46150	46700	51100	52500	55350	57800	60900	65250	67150	69250	70100	74000	74500	76400	79400	67900	
Upper Quartile	36900	38950	40850	42650	43550	46800	47700	51050	53000	56050	59600	61750	62700	64550	67650	68250	69850	71450	60450	
Median	35150	35800	37800	39500	40550	42500	43500	46150	48200	50550	53100	54400	54850	56850	61200	61500	63400	64350	51700	
Lower Quartile	33750	33700	35200	36450	37350	38450	39650	41550	43300	44800	46350	47450	48000	49550	52450	53050	54100	55450	43600	
Lower Decile	32100	32000	32950	34350	34950	35400	36550	38000	39200	39850	40450	41350	41550	41700	45600	47150	48450	49550	38100	
Mean	35900	36900	38650	39850	40900	43000	44150	46350	48350	50500	53100	54500	55250	56850	60550	61200	62600	64350	52600	
Supporting Data																				
Total Number	185	171	243	297	364	473	494	689	801	2191	1660	1229	853	830	797	626	582	1012	13497	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	

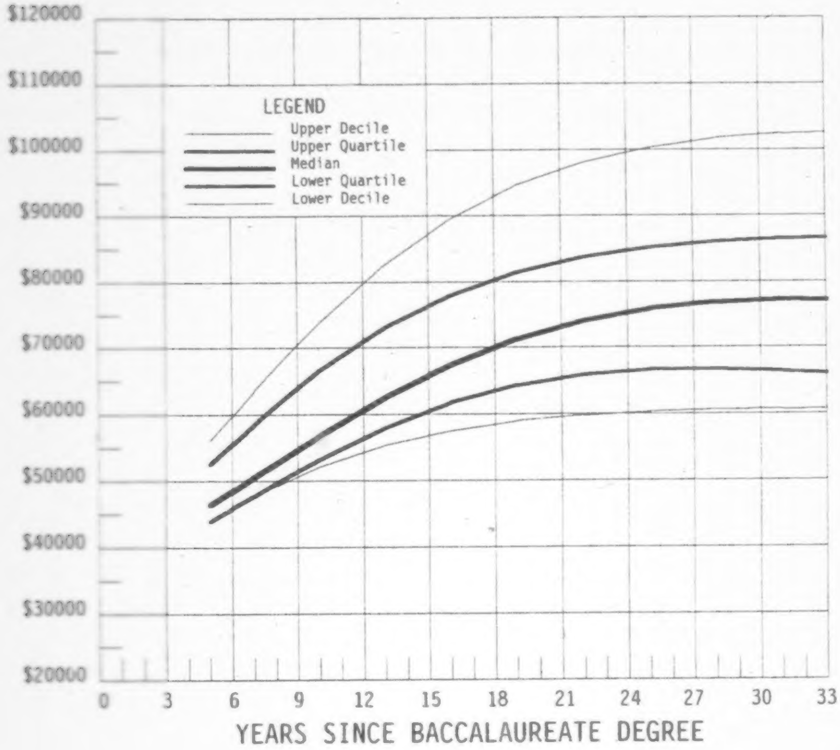
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38050	40300	42600	44950	47400	49950	52500	55150	57800	63100	70800	77800	83650	88100	91150	93000	93950	94400	75000	2.2
Upper Quartile	37200	39000	40800	42700	44550	46500	48400	50350	52300	56100	61550	66450	70600	73950	76450	78200	79350	80600	61400	2.2
Median	35650	37200	38800	40400	41950	43550	45150	46650	48200	51050	54950	58200	60650	62400	63500	64150	64400	64400	51300	2.2
Lower Quartile	33750	35350	36900	38400	39850	41250	42600	43850	45050	47150	49800	51800	53300	54300	55000	55450	55700	55900	43300	3.8
Lower Decile	32550	33900	35150	36400	37600	38700	39800	40800	41750	43500	45600	47250	48450	49300	49900	50250	50500	50700	38850	3.6
Mean	35800	37400	39100	40750	42450	44200	45850	47550	49200	52450	56850	60650	63650	65900	67450	68350	68900	69200	54400	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37800	40950	44750	44050	47450	46950	51700	55350	59300	64500	72100	77300	85000	84200	85850	84200	96000	103850	75000	
Upper Quartile	36650	39700	42450	42850	43950	45250	46600	49950	54300	56850	62450	67000	71950	69650	70400	76900	77450	88650	61400	
Median	35100	37500	39350	40900	42300	43100	44500	45950	48900	50650	56150	58550	61050	60000	62700	63100	60750	68800	51300	
Lower Quartile	33650	35000	36650	38950	40200	41500	42200	42950	45250	47000	50000	52150	52750	53650	57000	56550	55200	55150	43300	
Lower Decile	32500	33350	34400	37100	38150	39350	39550	40900	42100	42900	45950	46300	48000	49400	52100	53550	50400	48600	38850	
Mean	35450	37550	39350	41200	42550	43550	45300	46850	50100	52800	57400	60650	64150	63700	65650	66950	68200	72650	54400	
Supporting Data																				
Total Number	63	43	56	86	82	78	72	62	77	213	211	147	132	116	66	58	51	78	1690	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

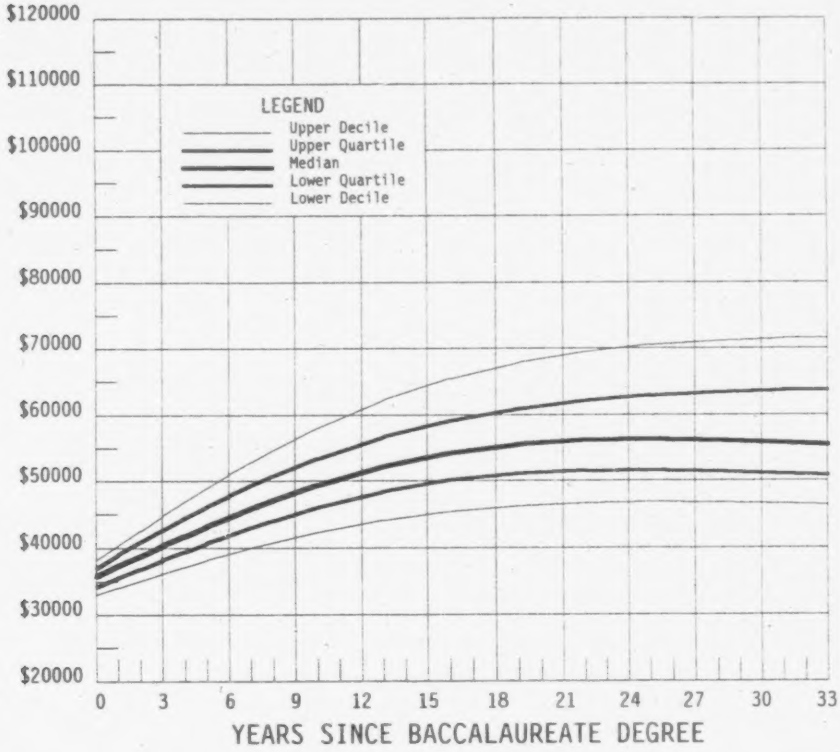
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	56050	59800	63500	67100	73850	82650	89550	94600	98050	100300	101700	102450	102950	91900	4.2
Upper Quartile	0	0	0	0	0	52450	55550	58500	61350	66600	73100	78000	81450	83750	85200	86050	86500	86800	79250	4.4
Median	0	0	0	0	0	46400	48500	50600	52650	56750	62450	67350	71250	74050	75850	76850	77250	77150	66200	2.2
Lower Quartile	0	0	0	0	0	44000	45900	47800	49700	53250	58000	61700	64350	65900	66600	66650	66350	65250	59650	2.2
Lower Decile	0	0	0	0	0	43850	45800	47650	49300	52200	55400	57550	58950	59800	60300	60600	60700	60800	52050	4.8
Mean	0	0	0	0	0	47700	50050	52400	54750	59400	65800	71150	75250	77950	79400	79950	79850	78850	70100	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	52400	65150	0	63750	79100	80700	90400	94200	93700	89850	93750	121900	113700	91900	
Upper Quartile	0	0	0	0	0	50200	54050	0	59750	71200	71850	79850	80800	81700	80250	84400	85000	94600	79250	
Median	0	0	0	0	0	43850	50550	0	56950	62500	63250	68350	68650	67300	68550	79600	77550	86750	66200	
Lower Quartile	0	0	0	0	0	42400	44800	0	52050	58400	59100	62650	62800	60250	62250	67300	63550	73000	59650	
Lower Decile	0	0	0	0	0	41550	42500	0	50100	54450	55900	58850	57700	57400	60400	60000	61150	62900	52050	
Mean	0	0	0	0	0	46150	52550	0	57200	64650	66050	72050	73350	72450	72350	78950	82600	86650	70100	
Supporting Data																				
Total Number	1	2	2	8	3	11	11	8	14	38	66	44	63	50	33	22	23	41	439	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

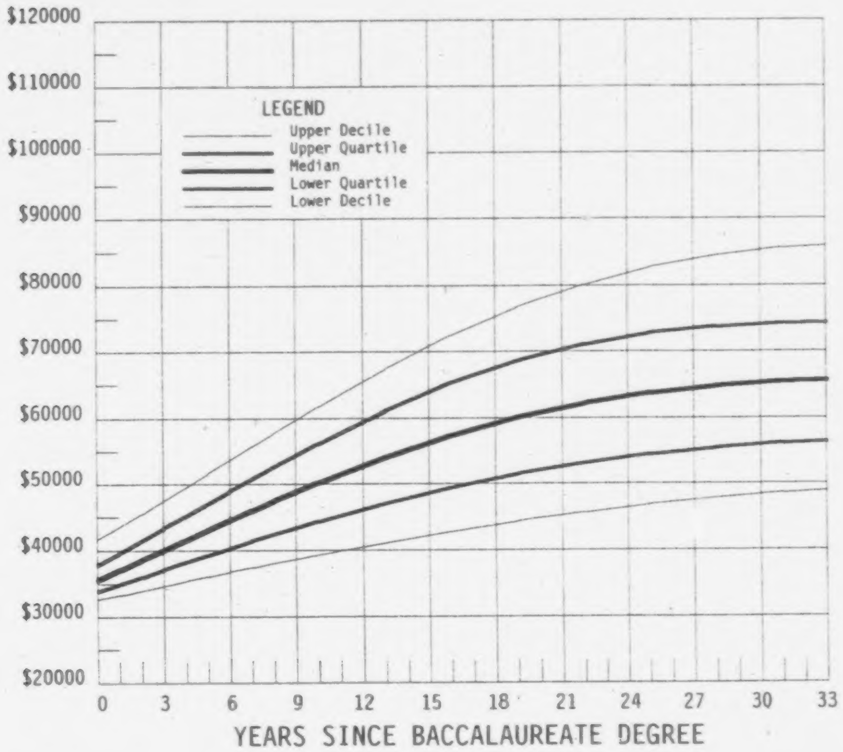
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38150	40350	42550	44750	46900	48950	50950	52850	54700	58050	62250	65500	67850	69500	70550	71150	71500	71700	61500	4.4
Upper Quartile	37050	38950	40850	42650	44450	46150	47750	49300	50750	53400	56650	59100	60850	62100	62900	63400	63650	63850	54400	4.2
Median	35850	37350	38800	40300	41750	43150	44500	45850	47100	49400	52200	54250	55500	56150	56250	56050	55700	54750	47600	2.2
Lower Quartile	34200	35550	36850	38150	39450	40650	41850	43000	44050	46050	48400	50100	51100	51550	51600	51400	51050	50250	41950	2.2
Lower Decile	33000	34100	35150	36200	37200	38150	39100	40000	40800	42300	44150	45450	46250	467[illegible]0	46850	46800	46600	46100	37700	2.2
Mean	35550	37350	39050	40700	42300	43800	45250	46600	47850	50150	52850	54900	56350	57300	57950	58350	58550	58700	48900	4.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37800	41000	44850	44150	47300	46650	48600	51850	57250	58000	63050	68100	69400	71000	68000	68550	65200	69700	61500	
Upper Quartile	36700	39600	42300	42900	43950	45000	46050	48400	51300	53550	58050	60700	59250	61950	63450	64750	59150	62550	54400	
Median	35150	37250	39100	41050	42250	42950	44150	45250	47900	49400	52200	54700	53200	55200	57300	58250	56550	54550	47600	
Lower Quartile	33700	34900	36550	39000	40100	41350	41900	42550	44450	45950	48250	49650	49500	50950	53200	54700	51250	49450	41950	
Lower Decile	32500	33300	34350	36900	38100	39050	38750	40250	41650	42450	44000	44400	45750	43650	47950	52300	48650	45100	37700	
Mean	35500	37450	39200	41200	42500	43150	43950	45650	48500	50250	53450	55750	55800	57050	58750	59700	56700	56650	48900	
Supporting Data																				
Total Number	63	41	53	79	79	67	61	55	63	175	146	103	69	66	32	36	28	36	1251	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

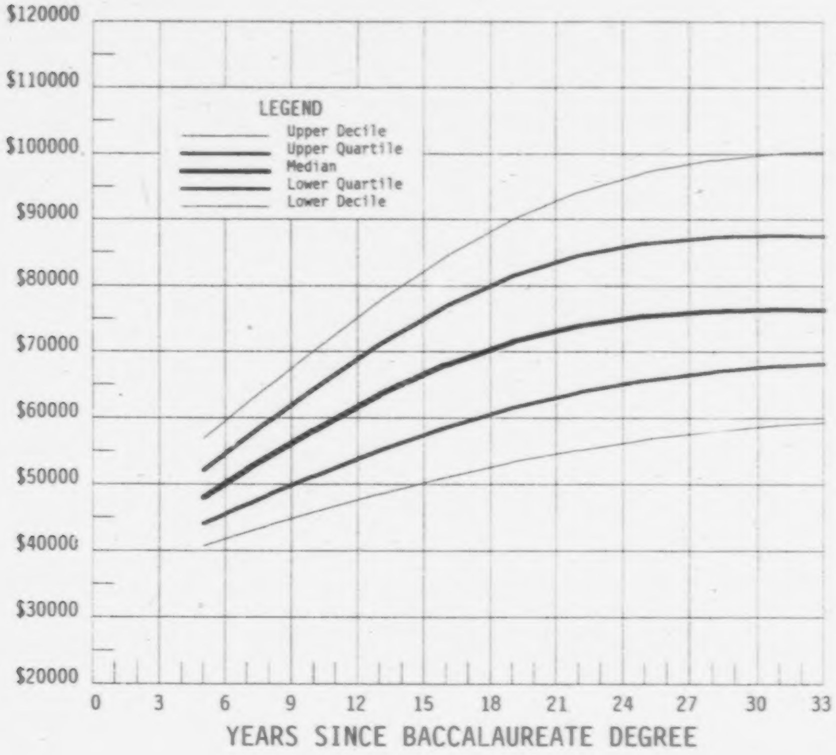
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41650	43550	45500	47500	49550	51600	53650	55700	57700	61750	67400	72500	76750	80150	82700	84500	85650	86900	73850	2.2
Upper Quartile	37850	39600	41450	43300	45150	47000	48900	50750	52600	56150	61100	65300	68600	71100	72750	73750	74250	74500	63950	2.2
Median	35550	37050	38500	40000	41500	43000	44500	45950	47400	50200	54050	57350	60100	62150	63700	64750	65400	66050	53800	2.2
Lower Quartile	33850	34900	36000	37100	38200	39250	40300	41350	42400	44350	47050	49450	51500	53150	54450	55400	56150	57100	45150	2.2
Lower Decile	32650	33300	34000	34700	35400	36050	36750	37400	38050	39300	41100	42800	44300	45650	46800	47800	48600	49850	38800	2.2
Mean	36300	37750	39200	40650	42100	43550	45000	46400	47850	50550	54400	57700	60500	62750	64450	65700	66550	67550	55650	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	41900	44700	45700	46200	47650	52050	53850	56200	58600	62600	69000	71350	75050	75450	79900	84050	88500	89800	73850	
Upper Quartile	37150	38850	40800	42800	43750	47650	48500	51700	53600	57400	61850	63900	66750	67600	70550	73400	75700	77250	63950	
Median	35300	35850	37750	39700	40650	42850	43850	46600	48550	51500	54650	55850	57400	60100	63100	65000	66650	67600	53800	
Lower Quartile	33900	33750	35200	36550	37400	38600	39800	41750	43650	45500	47550	48550	49250	51350	54000	55000	57300	58550	45150	
Lower Decile	31650	31950	33000	34350	34950	35500	36700	38050	39400	40350	41200	42100	42400	43150	46700	48300	50200	50750	38800	
Mean	36800	36900	38650	39950	41100	43450	44750	46850	48850	51600	55050	56750	58600	60250	63200	65450	68200	69250	55650	
Supporting Data																				
Total Number	182	167	230	296	364	493	505	710	851	2403	1944	1471	1072	1046	1002	855	821	1415	15827	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	4	6	12	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	

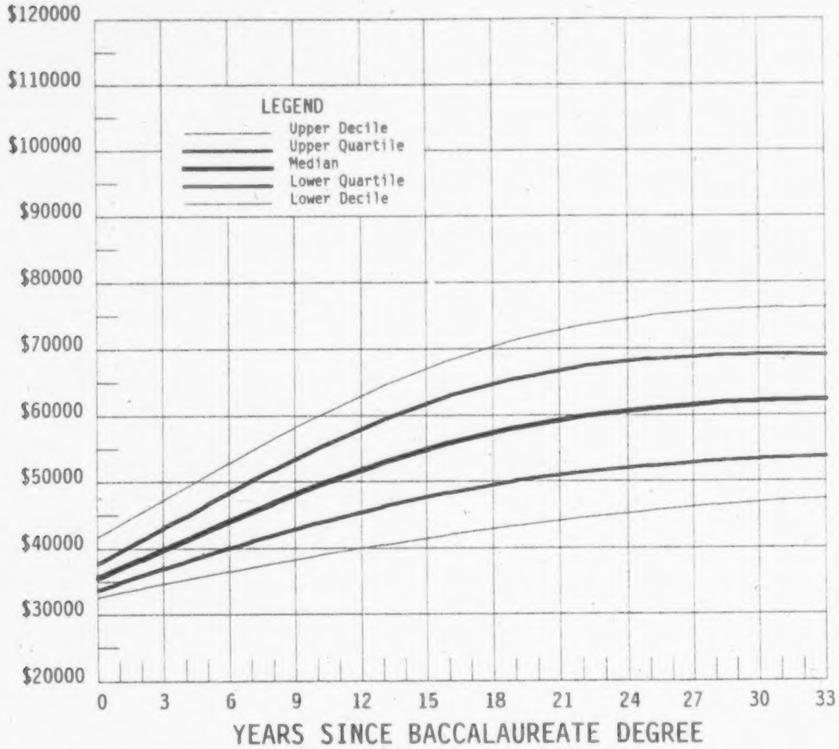
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	56900	59500	62200	64850	70150	77700	84400	89950	94200	97200	99100	100100	100800	91200	2.2
Upper Quartile	0	0	0	0	0	52100	54600	57050	59550	64400	71150	76900	81400	84500	86400	87300	87550	87000	79700	2.2
Median	0	0	0	0	0	48050	50150	52200	54200	58100	63500	68050	71500	73950	75450	76200	76450	76150	69550	2.2
Lower Quartile	0	0	0	0	0	44100	45550	47000	48450	51250	55150	58600	61550	63850	65650	66950	67900	69000	58850	2.2
Lower Decile	0	0	0	0	0	40750	41800	42850	43850	45850	48600	51150	53350	55200	56750	57950	58900	60300	49800	2.2
Mean	0	0	0	0	0	48800	50750	52700	54650	58450	63750	68300	71950	74650	76550	77700	78350	78750	70500	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	60900	64800	67600	66550	72150	78800	83550	88900	89400	89250	96000	104900	104900	91200	
Upper Quartile	0	0	0	0	0	54800	59200	62000	60400	66300	72800	74900	79950	80900	82300	84200	89800	90400	79700	
Median	0	0	0	0	0	49800	53000	57150	53650	60350	64550	66400	70600	70000	72300	76200	78050	78100	69550	
Lower Quartile	0	0	0	0	0	46600	45500	50000	47750	53850	56750	55700	60050	61450	64000	67700	68750	70400	58850	
Lower Decile	0	0	0	0	0	41800	41800	45800	44350	48850	50200	48300	50400	54250	55300	57400	60850	61600	49800	
Mean	0	0	0	0	0	50550	53950	57100	54800	60700	64900	66700	70100	71850	72950	76350	80750	81000	70500	
Supporting Data																				
Total Number	9	5	1	19	19	31	28	32	61	247	311	262	237	233	212	238	249	412	2606	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	4	5	11	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

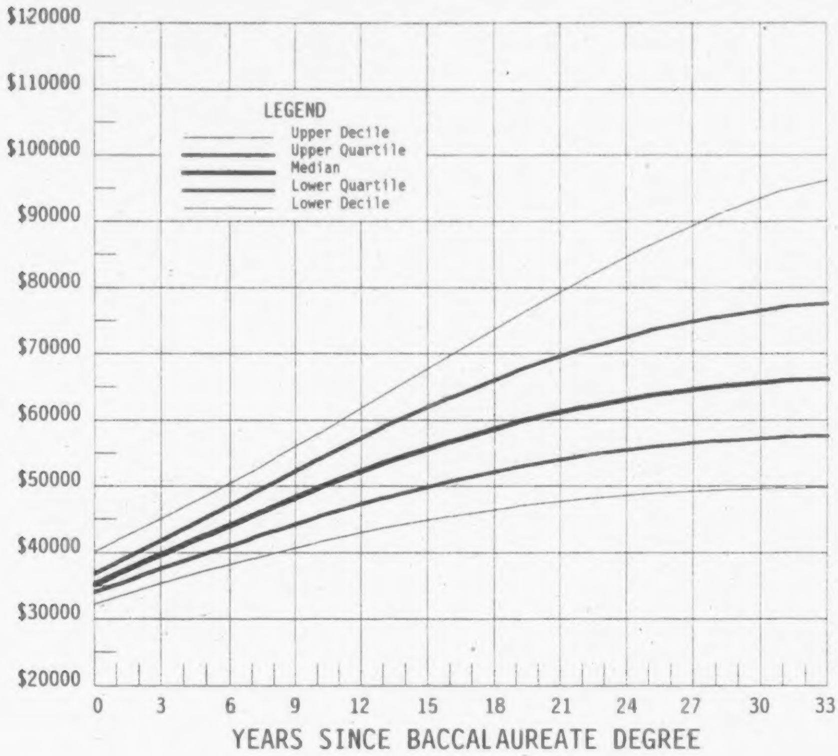
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41700	43550	45400	47250	49150	51000	52850	54700	56450	59900	64550	68400	71400	73550	74950	75800	76150	76250	68050	2.2
Upper Quartile	37750	39500	41250	43050	44800	46600	48350	50100	51800	55050	59400	62950	65600	67400	68500	69000	69150	68850	60650	2.2
Median	35550	36950	38400	39850	41250	42700	44100	45450	46800	49400	52850	55800	58100	59850	61000	61800	62200	62550	51800	2.2
Lower Quartile	33750	34800	35900	36950	38000	39000	40050	41000	41950	43800	46250	48350	50050	51350	52350	53100	53550	54150	43700	2.2
Lower Decile	32700	33350	34000	34650	35250	35900	36500	37100	37700	38850	40500	42000	43350	44550	45550	46450	47150	48250	38100	2.2
Mean	36350	37750	39100	40450	41800	43150	44500	45800	47050	49500	52800	55550	57800	59450	60650	61500	62000	62450	52750	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40600	44850	45700	46300	46600	51200	52650	55400	57850	60950	65350	67200	69300	70150	74050	74600	76550	79500	68050	
Upper Quartile	37050	38700	40750	42650	43500	46900	47950	51150	53100	56150	59700	61900	62850	64650	67700	68350	70000	71500	60650	
Median	35300	35750	37700	39350	40400	42450	43550	46250	48200	50650	53250	54500	55000	57050	61250	61650	63650	64450	51800	
Lower Quartile	34050	33700	35200	36350	37300	38350	39600	41550	43350	44800	46350	47500	47950	49550	52450	53000	54200	55550	43700	
Lower Decile	32100	31850	33000	34250	34850	35350	36550	38000	39200	39800	40400	41350	41450	41700	45600	47050	48400	49650	38100	
Mean	36050	36850	38650	39800	40800	43000	44200	46400	48350	50550	53150	54600	55300	56900	60600	61250	62750	64450	52750	
Supporting Data																				
Total Number	173	162	229	277	345	462	477	678	790	2156	1633	1209	835	813	790	617	572	1003	13221	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	

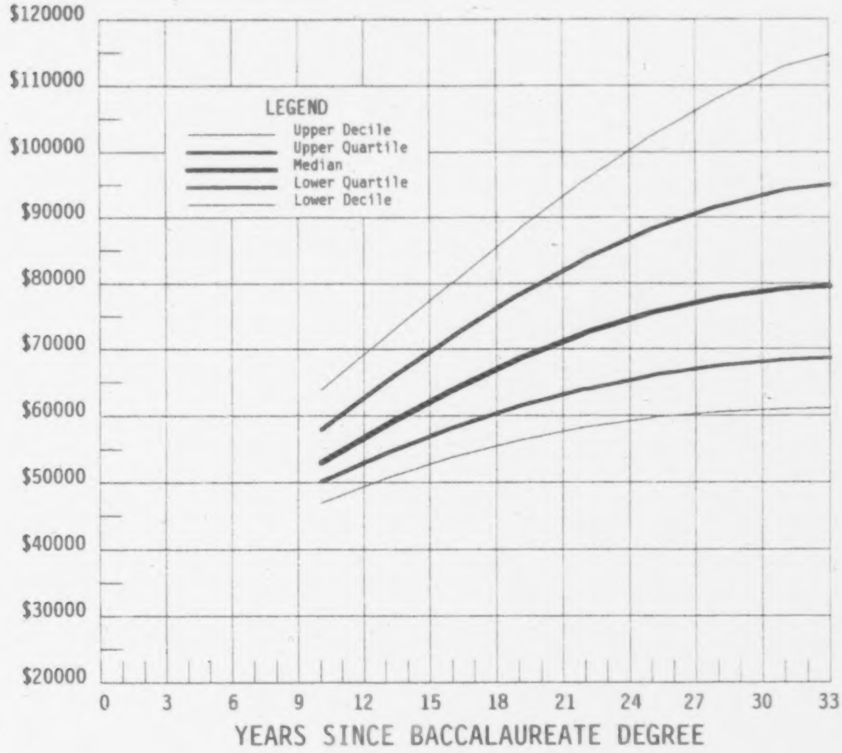
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40200	41800	43450	45150	46850	48600	50450	52250	54150	57950	63850	69800	75650	81200	86400	90950	94750	100600	74300	2.4
Upper Quartile	36750	38450	40150	41850	43600	45350	47150	48900	50600	54050	58950	63450	67400	70750	73450	75550	77100	78950	62900	2.8
Median	35250	36750	38250	39700	41200	42650	44100	45550	46950	49700	53500	56800	59650	61950	63750	65100	66000	66900	53200	3.2
Lower Quartile	34000	35200	36400	37600	38750	39900	41050	42150	43250	45350	48250	50800	52900	54600	55900	56850	57450	58000	43600	3.4
Lower Decile	32300	33350	34350	35350	36350	37300	38200	39100	39950	41550	43700	45500	46950	48050	48850	49400	49750	50050	38100	3.6
Mean	35650	37050	38450	39900	41300	42750	44200	45650	47050	49900	53950	57750	61150	64150	66600	68550	70000	71800	55400	2.8
Raw (Unsmoothed) Statistics																				
Upper Decile	40800	42100	45400	44600	45950	47650	50000	53250	54650	57400	65350	69200	76300	80100	82900	92650	101450	99500	74300	
Upper Quartile	36350	38450	42000	42150	43650	45350	47000	48050	51000	52900	59900	63100	67050	71700	72700	77300	80250	76450	62900	
Median	35150	36550	39250	39850	41600	42800	44000	44150	46900	47900	54900	57300	59450	62400	65250	66000	66000	63900	53200	
Lower Quartile	34200	34750	37000	38150	38600	40150	41200	40600	43050	43500	49150	51500	53650	56550	56950	57650	56700	53800	43600	
Lower Decile	32750	32250	35000	36000	36450	37200	38850	36400	39350	39850	44100	47000	48050	49700	50350	52400	50700	43100	38100	
Mean	36050	36750	39450	40150	41350	42750	44350	44250	47000	48450	55150	57850	61350	64700	66800	70000	71050	69000	55400	
Supporting Data																				
Total Number	104	88	104	122	120	109	100	86	81	308	368	370	313	258	236	174	123	213	3277	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	1	8	17	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

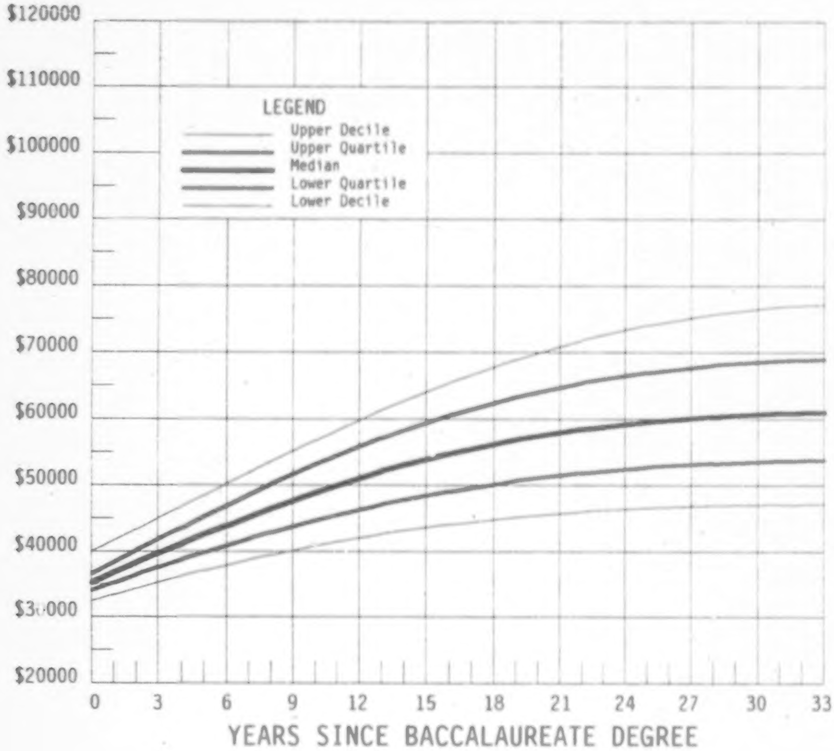
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	63750	71900	80150	88200	95700	102450	108200	112900	120050	96750	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	57950	65100	71950	78300	83750	88250	91700	94250	97550	80300	2.2
Median	0	0	0	0	0	0	0	0	0	53000	58600	63850	68550	72450	75550	77750	79200	80450	68150	3.6
Lower Quartile	0	0	0	0	0	0	0	0	0	50100	54400	58200	61400	64000	66000	67450	68350	69250	57950	3.4
Lower Decile	0	0	0	0	0	0	0	0	0	46950	50700	53900	56400	58350	59650	60500	60950	61350	51050	2.2
Mean	0	0	0	0	0	0	0	0	0	54800	60800	66450	71550	75900	79500	82200	84250	86900	72050	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	63100	75100	80000	89400	91000	95000	115300	115250	122500	96750	
Upper Quartile	0	0	0	0	0	0	0	0	0	57100	65900	72250	80850	81650	83750	94400	96900	97500	80300	
Median	0	0	0	0	0	0	0	0	0	52300	59200	63000	69800	73100	74000	79000	81250	78400	68150	
Lower Quartile	0	0	0	0	0	0	0	0	0	49900	55400	56600	61600	62800	68400	69600	69800	66750	57950	
Lower Decile	0	0	0	0	0	0	0	0	0	46950	50550	53550	56450	58100	60550	61450	60900	60600	51050	
Mean	0	0	0	0	0	0	0	0	0	54450	61700	65100	72800	75100	78200	84350	85300	86100	72050	
Supporting Data																				
Total Number	1	0	1	4	3	8	9	6	9	59	81	70	80	88	70	61	49	82	681	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	1	7	16	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

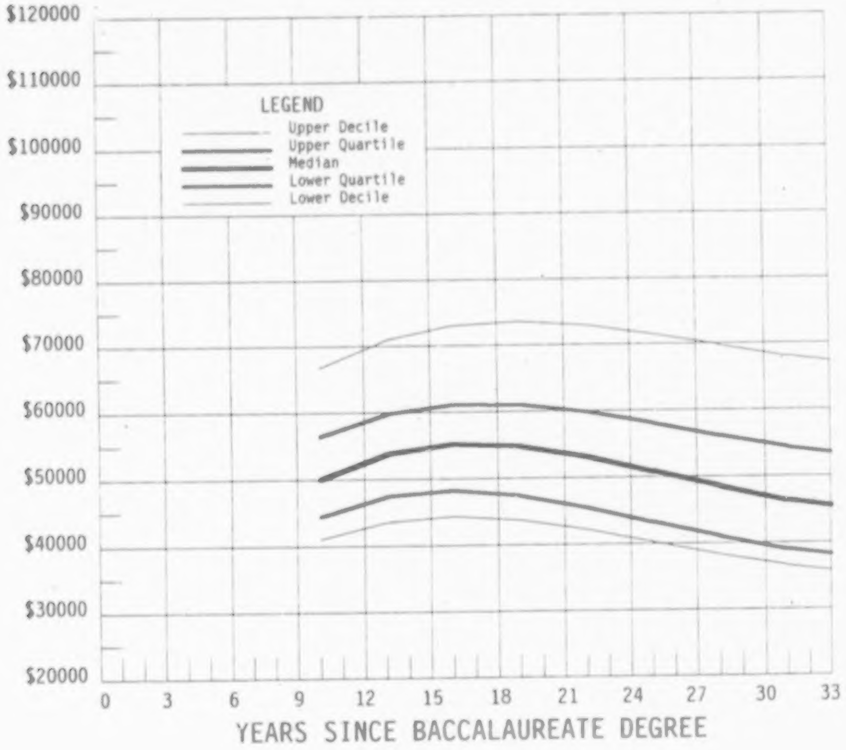
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39950	41650	43350	45100	46800	48500	50250	51900	53600	56800	61350	65450	68950	71850	74100	75750	76900	78100	66350	3.2
Upper Quartile	36600	38350	40100	41850	43550	45250	46950	48550	50150	53150	57150	60550	63300	65450	67000	68100	68800	69450	58800	3.4
Median	35250	36750	38250	39700	41100	42550	43900	45200	46500	48900	52100	54750	56850	58450	59600	60400	60900	61300	49700	3.6
Lower Quartile	34000	35200	36400	37600	38700	39800	40900	41900	42900	44750	47150	49150	50700	51900	52750	53300	53700	54000	41900	3.6
Lower Decile	32400	33400	34350	35300	36200	37050	37900	38700	39450	40900	42700	44150	45250	46050	46650	47000	47200	47350	37100	4.0
Mean	35600	37000	38450	39850	41200	42550	43900	45200	46450	48850	52150	54950	57250	59050	60400	61400	62000	62600	51050	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	40350	42100	45250	44400	45950	46750	49500	53000	53750	55800	63000	66300	68500	71750	74850	75800	78150	74850	66350	
Upper Quartile	36200	38450	41800	42000	43650	44850	46500	47400	50000	51200	58650	61850	63050	65600	68500	68250	68250	66250	58800	
Median	35100	36550	39200	39800	41650	42550	43600	43850	46400	46600	53400	56100	57450	59400	61500	60150	59100	57100	49700	
Lower Quartile	34150	34750	37000	38100	38650	40000	41100	40500	42500	42450	48100	50550	52050	53100	54300	55550	52850	47400	41900	
Lower Decile	32750	32250	34950	35950	36450	37150	38700	36000	38950	39250	43050	46100	46000	47550	48350	50500	48450	39100	37100	
Mean	35700	36750	39350	39950	41350	42300	43900	44000	46300	47050	53350	56150	57400	59350	62000	62250	61600	58350	51050	
Supporting Data																				
Total Number	103	88	103	118	117	101	91	80	72	249	287	300	233	170	166	113	74	131	2596	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

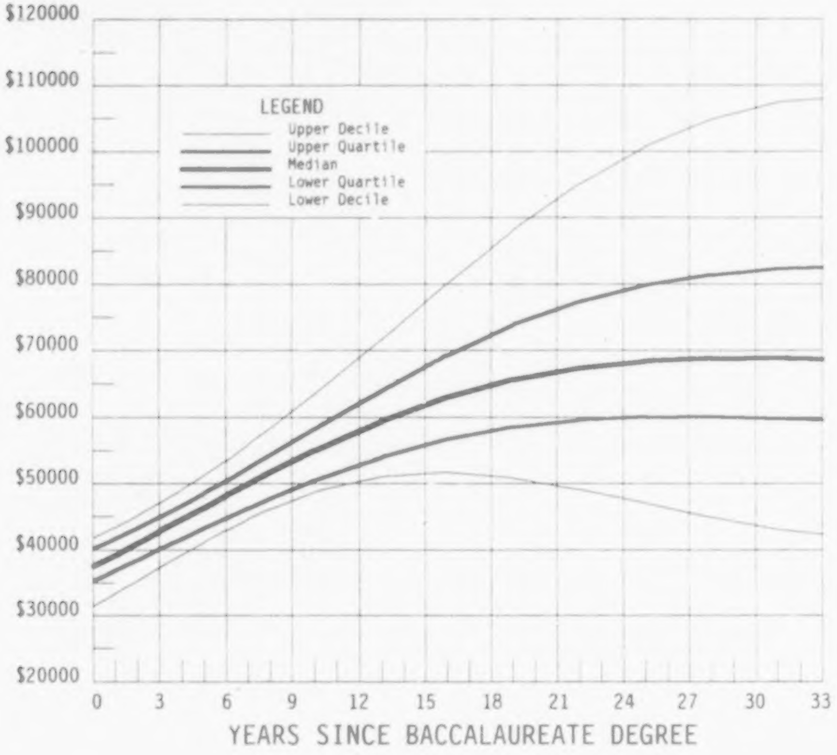
SALARY CURVES FOR ENGINEERS IN NON-ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	66800	70850	73050	73600	72950	71550	69800	68050	64850	66350	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	56450	59650	61050	60950	59800	58050	56150	54350	51200	55650	2.2
Median	0	0	0	0	0	0	0	0	0	50050	53700	55200	54800	53200	50900	48550	46400	42800	48150	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	44500	47400	48250	47400	45550	43250	41000	39000	35700	39850	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	41000	43550	44350	43700	42200	40250	38300	36550	33700	33450	2.2
Mean	0	0	0	0	0	0	0	0	0	51650	55150	56750	56600	55250	53300	51150	49200	45800	49550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37400	0	0	56000	0	0	0	0	0	62650	67350	84500	63850	125000	0	0	0	62400	66350	
Upper Quartile	35150	0	0	45500	0	0	0	0	0	53500	59500	65000	61650	67000	0	0	0	50400	55650	
Median	33000	0	0	36000	0	0	0	0	0	50650	51900	55250	58000	53000	0	0	0	42700	48150	
Lower Quartile	27250	0	0	32500	0	0	0	0	0	44500	44750	51100	52600	44750	0	0	0	35500	39850	
Lower Decile	24600	0	0	31000	0	0	0	0	0	40000	41400	48650	50150	41000	0	0	0	33400	33450	
Mean	31600	0	0	39450	0	0	0	0	0	50050	53100	61350	57200	62950	0	0	0	45100	49550	
Supporting Data																				
Total Number	13	2	5	10	6	9	6	5	9	30	25	11	11	10	8	9	6	34	209	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
Less Than $22000	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	

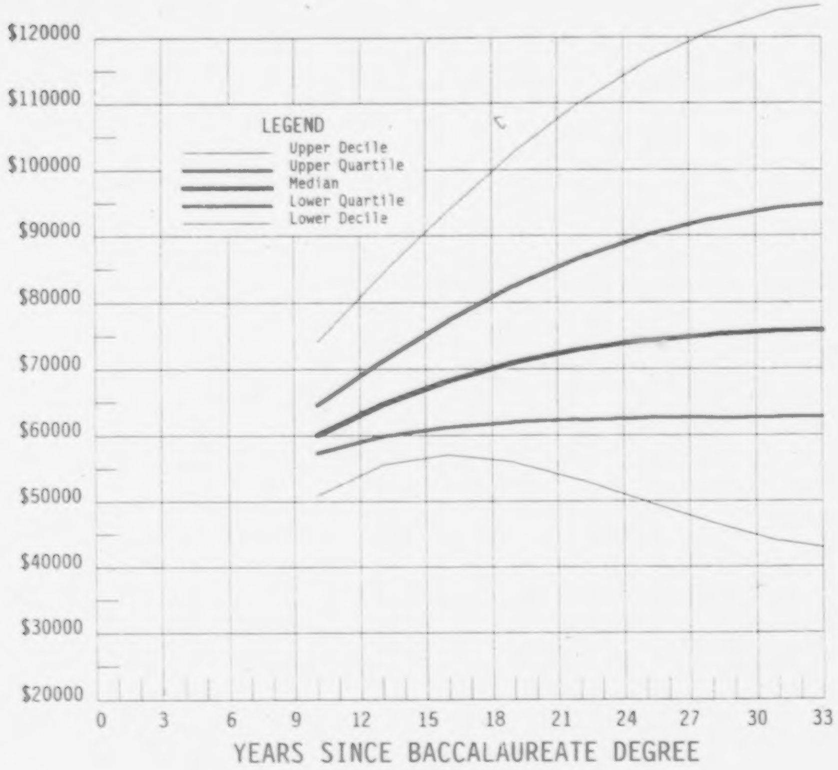
SALARY CURVES FOR ENGINEERS IN PAPER PRODUCTS
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PAPER PRODUCTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41800	43450	45200	47100	49100	51250	53500	55850	58300	63450	71700	80100	88100	95100	100750	104850	107450	109650	79400	3.8
Upper Quartile	40100	41650	43250	44950	46700	48550	50400	52350	54300	58200	64000	69300	73800	77300	79800	81400	82350	83000	65450	4.2
Median	37450	39200	41000	42800	44600	46400	48200	49950	51700	55000	59400	63000	65650	67400	68400	68850	68900	68500	52900	2.2
Lower Quartile	35250	36850	38450	40050	41650	43250	44800	46300	47750	50500	54000	56700	58550	59600	60050	60100	59850	59050	43550	2.2
Lower Decile	31500	33450	35400	37350	39300	41200	43000	44650	46200	48750	51100	51700	50850	49150	47050	44950	43100	40050	39650	2.2
Mean	37650	39250	40850	42550	44250	46000	47750	49550	51350	54900	60000	64500	68250	71100	73150	74450	75150	75700	57250	4.2
Raw (Unsmoothed) Statistics																				
Upper Decile	42500	43800	45200	46050	48600	51300	54150	52300	57900	65750	74100	78450	82600	98000	127200	120650	95050	98250	79400	
Upper Quartile	40650	42150	43200	43850	46450	49050	50200	49350	53000	59500	67250	68450	74450	84400	75800	97000	82550	77000	65450	
Median	38950	40300	41050	41900	44250	46350	45950	47250	48800	56050	61350	61900	65250	80550	65800	83100	70500	64400	52900	
Lower Quartile	35550	39100	39450	39750	40050	43800	43150	43000	45950	49600	55050	55750	60850	67000	60050	71650	65100	53900	43550	
Lower Decile	27500	38350	38500	38300	38800	41100	41800	41650	44700	45700	51250	53450	52200	57750	45200	68450	31300	40550	39650	
Mean	37550	40700	41450	41750	43600	46150	47150	46950	50100	55850	62550	64250	67950	78100	74450	89200	72150	68750	57250	
Supporting Data																				
Total Number	44	71	56	109	71	75	48	42	50	151	97	114	118	47	83	35	38	110	1361	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	0	9	3	2	4	18	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

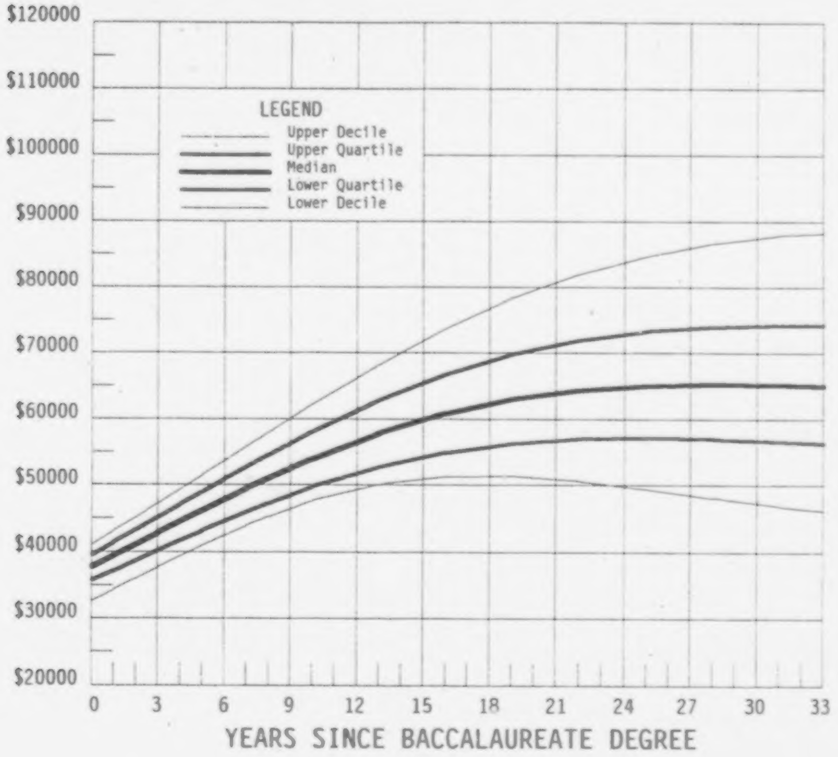
SALARY CURVES FOR ENGINEERS IN PAPER PRODUCTS SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PAPER PRODUCTS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	74100	84200	93800	102550	110100	116200	120850	124100	127450	98700	3.2
Upper Quartile	0	0	0	0	0	0	0	0	0	64500	71200	77250	82450	86700	90000	92500	94250	96400	81600	2.6
Median	0	0	0	0	0	0	0	0	0	59950	64600	68250	71000	72950	74300	75150	75700	76200	67350	3.4
Lower Quartile	0	0	0	0	0	0	0	0	0	57350	59850	61250	62000	62400	62600	62650	62700	62700	54550	6.4
Lower Decile	0	0	0	0	0	0	0	0	0	51000	55500	57050	55950	53300	50000	46800	44000	39600	41900	2.2
Mean	0	0	0	0	0	0	0	0	0	61400	67250	71950	75600	78300	80200	81450	82200	82850	71300	3.6
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	78000	90500	89000	88550	104550	146650	134100	143400	110200	98700	
Upper Quartile	0	0	0	0	0	0	0	0	0	69500	71350	78700	75550	86950	91950	99600	91300	96250	81600	
Median	0	0	0	0	0	0	0	0	0	63200	65250	66950	66000	83100	73200	83900	67450	76000	67350	
Lower Quartile	0	0	0	0	0	0	0	0	0	57650	60650	64000	52800	81050	62750	71750	65750	58200	54550	
Lower Decile	0	0	0	0	0	0	0	0	0	52250	54400	54850	51100	76350	43300	69500	64700	35250	41900	
Mean	0	0	0	0	0	0	0	0	0	64600	68000	71700	67900	86400	83000	92900	86050	77100	71300	
Supporting Data																				
Total Number	7	1	1	18	1	9	7	1	3	16	30	37	45	22	46	22	10	37	313	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8	3	2	3	16	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

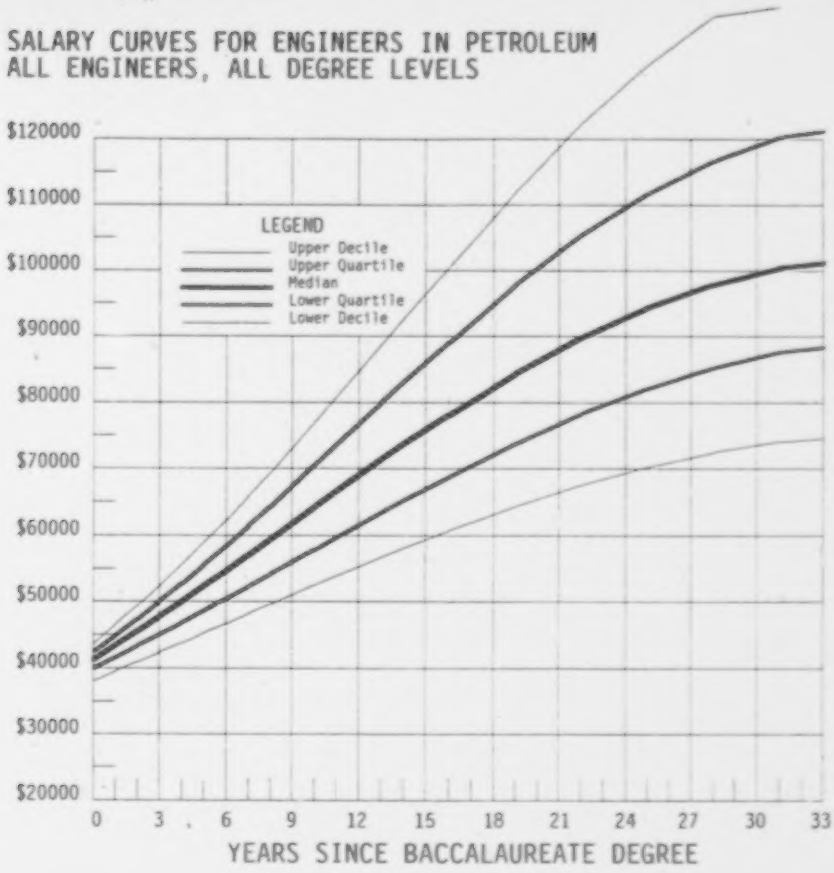
SALARY CURVES FOR ENGINEERS IN PAPER PRODUCTS
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PAPER PRODUCTS, NON-SUPERVISORY

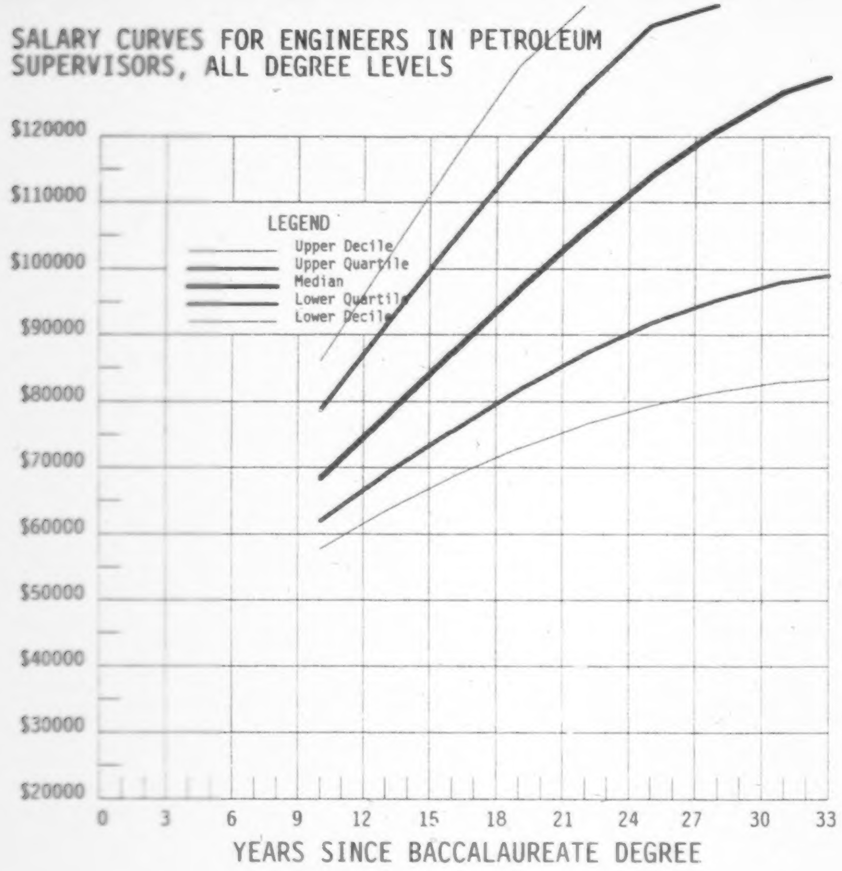
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41150	43150	45150	47250	49350	51500	53650	55800	57950	62200	68250	73700	78350	82000	84750	86700	87950	89250	70850	2.2
Upper Quartile	39500	41350	43250	45150	47050	48950	50850	52700	54550	58050	62850	66800	69800	71950	73250	73950	74200	74000	60400	2.2
Median	37750	39400	41100	42800	44500	46200	47850	49450	51000	53950	57800	60850	63050	64400	65100	65350	65250	64700	49300	2.2
Lower Quartile	35650	37150	38700	40200	41700	43150	44600	45950	47250	49700	52700	54900	56300	57000	57150	57000	56650	55700	42800	2.2
Lower Decile	32650	34350	36050	37700	39400	41000	42500	43950	45300	47650	50100	51250	51350	50600	49450	48150	46850	44550	39500	2.2
Mean	37550	39250	41000	42750	44550	46300	48000	49700	51400	54550	58700	62050	64500	66050	66950	67300	67300	66800	53050	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	42600	43750	44900	46300	48650	51300	54450	51950	57300	63250	70500	71650	80900	91250	78600	105850	88650	86350	70850	
Upper Quartile	40750	42050	43050	44350	46500	49200	50800	49300	52800	58850	64750	64350	74350	78350	66950	93750	80250	70100	60400	
Median	38650	40250	40950	41950	44200	46650	46600	47250	48450	55250	59450	59300	64650	68400	62400	79000	70950	61400	49300	
Lower Quartile	35050	39100	39400	39850	40050	44400	43850	42950	45850	49000	53500	55050	61200	59500	53800	71000	59100	52700	42800	
Lower Decile	27250	38350	38500	38650	38800	42350	42050	41650	44650	45200	50350	51650	58000	54500	45850	62600	30950	50050	39500	
Mean	37150	40700	41350	42350	43600	46850	47700	46900	49800	54800	60100	60600	68000	70550	63750	82550	66950	64550	53050	
Supporting Data																				
Total Number	38	71	55	91	71	66	41	41	47	134	67	77	73	25	37	13	28	73	1048	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	2	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SALARY CURVES FOR ENGINEERS IN PETROLEUM
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PETROLEUM

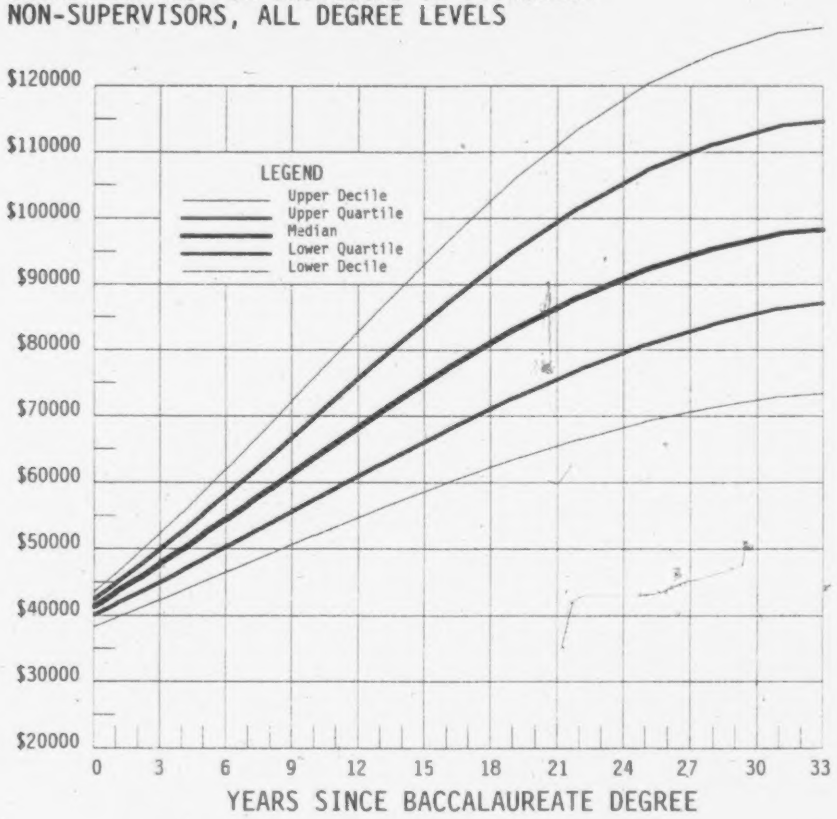
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43700	46500	49400	52400	55600	58900	62300	65800	69400	76900	88600	100400	111800	122200	131200	138500	143900	150200	116000	3.0
Upper Quartile	42350	44800	47350	50000	52700	55500	58400	61350	64350	70500	79850	89050	97700	105300	111700	116650	120200	123900	95150	3.2
Median	41250	43400	45550	47750	50000	52350	54650	57050	59400	64200	71350	78100	84300	89750	94300	97850	100400	103300	76100	3.0
Lower Quartile	39900	41600	43300	45050	46800	48600	50450	52300	54150	57850	63400	68750	73750	78250	82100	85250	87650	90650	57650	2.8
Lower Decile	38100	39500	40950	42350	43800	45250	46750	48200	49650	52550	56750	60750	64350	67550	70300	72450	74100	76100	47850	2.8
Mean	41250	43350	45500	47750	50000	52350	54750	57200	59650	64650	72200	79600	86500	92650	97900	102100	105150	108700	79450	3.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	46500	49150	52850	55050	58600	62050	66000	70550	76350	89750	98200	112900	120700	133550	138050	148100	146300	116000	
Upper Quartile	0	45700	46950	49900	52500	54950	57650	60600	64050	70000	80600	89450	97150	109150	113400	113950	119850	119900	95150	
Median	0	44300	45050	48000	50450	51450	54000	55600	57100	64300	72150	79950	82700	90800	96050	94850	99800	102950	76100	
Lower Quartile	0	42100	42800	45450	47600	47600	50650	51950	51750	57700	63300	72300	72100	77300	82100	85500	85850	91900	57650	
Lower Decile	0	40000	41150	43100	42950	44150	47450	48500	48450	52100	56700	62850	64100	66450	69550	75050	73100	75250	47850	
Mean	0	43750	45000	47900	50300	51700	54000	56400	58700	64300	72850	80950	85550	93350	99050	100950	105100	106850	79450	
Supporting Data																				
Total Number	22	51	103	122	112	92	65	72	91	233	406	318	294	282	268	225	192	221	3169	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	12	32	30	36	39	153	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	



1994 ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	86000	101150	116300	130650	143350	153950	162200	168150	174900	153350	3.0
Upper Quartile	0	0	0	0	0	0	0	0	0	78700	91300	104100	116400	127450	136800	144100	149450	156200	123050	2.2
Median	0	0	0	0	0	0	0	0	0	68350	77650	87250	96750	105750	113950	121050	126850	135800	97650	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	62000	68900	75550	81700	87150	91700	95350	98100	102000	78900	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	57850	63500	68550	72950	76550	79350	81500	83000	84600	66150	3.0
Mean	0	0	0	0	0	0	0	0	0	71100	80850	90450	99550	107700	114700	120350	124700	130700	103200	2.4
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	87100	100950	117900	121900	145050	161800	164750	165100	167550	153350	
Upper Quartile	0	0	0	0	0	0	0	0	0	81100	92600	107200	109150	120400	142050	149400	150250	156350	123050	
Median	0	0	0	0	0	0	0	0	0	66150	79250	91600	90050	106550	112550	123950	125550	137750	97650	
Lower Quartile	0	0	0	0	0	0	0	0	0	59350	69850	81700	77550	88650	84050	101400	100950	102900	78900	
Lower Decile	0	0	0	0	0	0	0	0	0	56100	62450	74100	72200	76300	76450	84000	84650	83100	66150	
Mean	0	0	0	0	0	0	0	0	0	70500	81750	93900	94000	106700	114650	123900	124400	130950	103200	
Supporting Data																				
Total Number	0	0	0	0	0	1	3	2	10	21	56	41	42	62	60	42	33	30	405	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	10	23	21	17	20	93	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

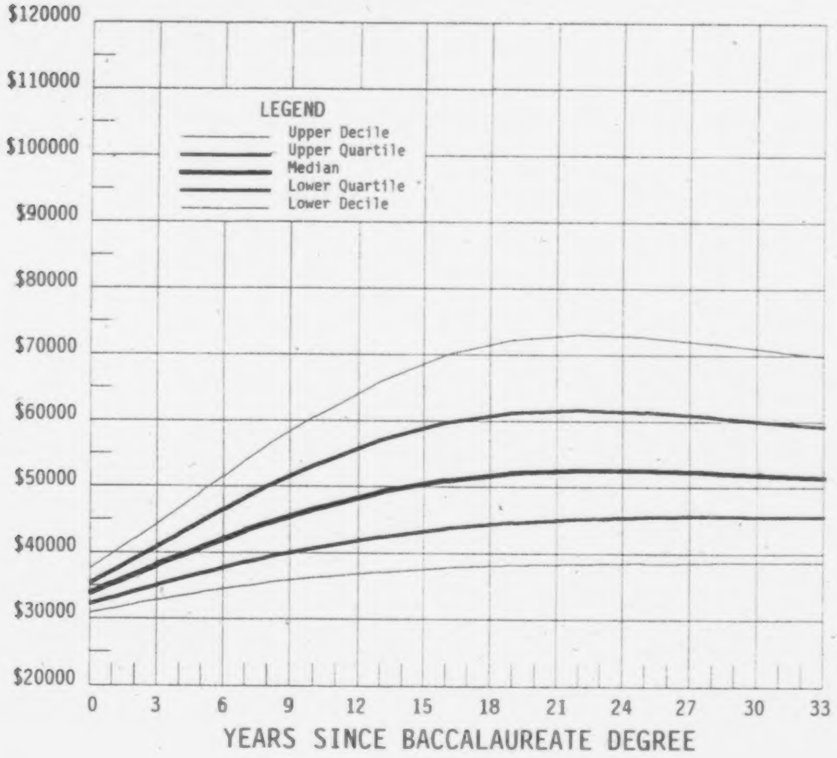
SALARY CURVES FOR ENGINEERS IN PETROLEUM NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43600	46400	49350	52350	55450	58700	62000	65350	68800	75800	86300	96450	105700	113650	120050	124800	128050	131150	109800	3.4
Upper Quartile	42450	44850	47350	49950	52600	55300	58100	60950	63850	69700	78550	87050	94900	101650	107150	111250	114000	116700	91500	3.4
Median	41400	43500	45600	47750	49950	52200	54450	56750	59100	63750	70600	77100	83000	88150	92300	95500	97700	100050	73300	3.2
Lower Quartile	40100	41700	43350	45050	46800	48500	50300	52050	53850	57400	62750	67850	72700	77000	80800	83950	86400	89750	55400	2.6
Lower Decile	38350	39650	41000	42400	43750	45150	46550	47900	49300	52050	56100	59950	63450	66550	69200	71350	72950	74950	47150	2.8
Mean	41350	43400	45500	47700	49900	52150	54450	56800	59150	63900	70950	77750	84050	89550	94200	97850	100550	103600	75950	3.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	46500	49150	52850	55050	58450	61400	66150	68850	75000	86250	94800	110300	117150	120400	120400	132950	124750	109800	
Upper Quartile	0	45700	46950	49900	52500	54900	57000	60800	62700	69500	79150	87650	96050	104200	107400	105700	114800	115700	91500	
Median	0	44300	45050	48000	50450	51450	53800	55600	56550	64200	71400	78750	81950	87800	94050	92000	97800	100550	73300	
Lower Quartile	0	42100	42800	45450	47600	47700	50500	51800	51700	57500	62500	71150	70900	75400	81500	84350	84500	91150	55400	
Lower Decile	0	40000	41150	43100	42950	44150	47350	48350	48750	51600	56200	61400	63250	64850	69000	73250	72450	74500	47150	
Mean	0	43750	45000	47900	50300	51550	53600	56400	57950	63650	71400	79050	84150	89550	94600	95650	101050	103050	75950	
Supporting Data																				
Total Number	22	51	103	122	112	91	62	70	82	212	349	277	252	219	208	182	159	191	2764	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	2	10	10	19	18	59	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	

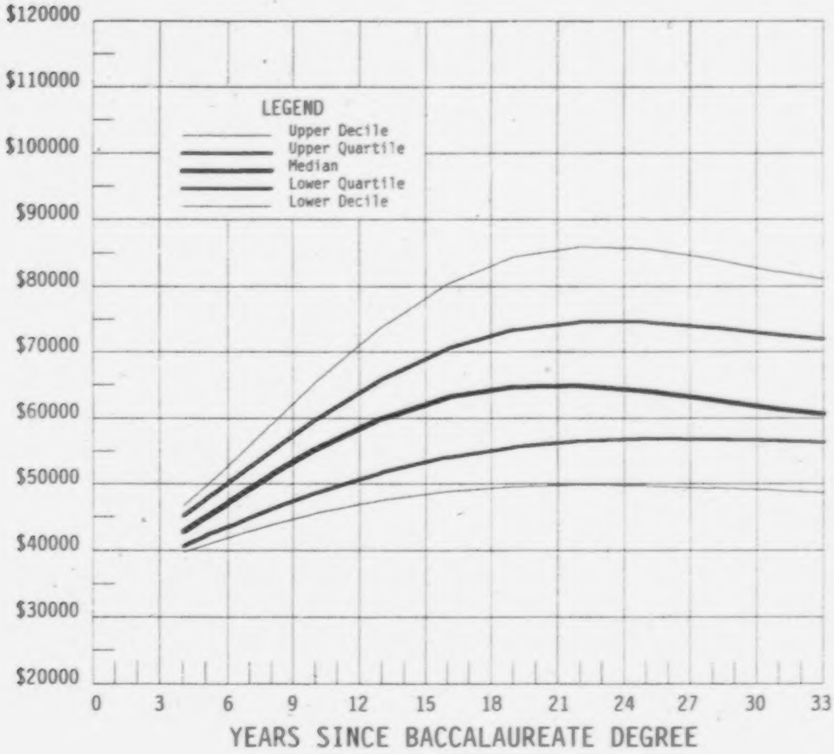
SALARY CURVES FOR ENGINEERS IN PRECISION INSTRUMENTS
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37550	39800	42100	44400	46800	49200	51550	53900	56200	60500	66000	70000	72250	73050	72750	71800	70600	67950	63600	2.2
Upper Quartile	35300	37150	39050	40900	42800	44700	46550	48300	50050	53200	57100	59750	61250	61700	61400	60650	59750	57850	52950	2.2
Median	33850	35250	36650	38050	39450	40750	42050	43300	44500	46600	49200	51000	52100	52500	52500	52200	51750	50750	45450	2.2
Lower Quartile	32200	33150	34150	35050	36000	36850	37700	38550	39300	40700	42450	43750	44700	45250	45550	45650	45600	45400	39500	2.2
Lower Decile	30850	31550	32200	32850	33450	34000	34550	35000	35500	36250	37150	37800	38200	38400	38550	38600	38650	38650	34400	5.6
Mean	33650	35200	36700	38250	39750	41200	42650	44050	45350	47800	50850	53000	54300	54850	54900	54600	54100	53000	48000	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33900	42250	41700	47150	46950	50400	50100	54600	56700	61200	67250	71750	67200	71700	69900	66850	62750	81650	63600	
Upper Quartile	33600	37300	39000	42800	44550	45650	44050	49250	50150	51700	58600	65450	55450	59450	64050	61900	53950	60150	52950	
Median	33050	33200	36600	40150	41200	42500	40400	42450	44750	46800	48950	50750	49700	50650	57400	56700	46350	49550	45450	
Lower Quartile	32450	32000	34350	35500	36800	38400	33900	37600	41450	42000	41650	43500	44450	44200	45400	49500	43000	45050	39500	
Lower Decile	32150	30700	31150	34350	34450	31450	32150	34900	38100	37350	37150	38950	39400	36400	39450	41150	38450	33650	34400	
Mean	33150	34750	36600	39750	40850	41900	40200	43800	46000	47800	50650	54100	51750	57000	55650	55550	49950	53150	48000	
Supporting Data																				
Total Number	41	51	78	83	101	106	105	121	88	316	237	167	160	137	134	92	41	96	2154	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	

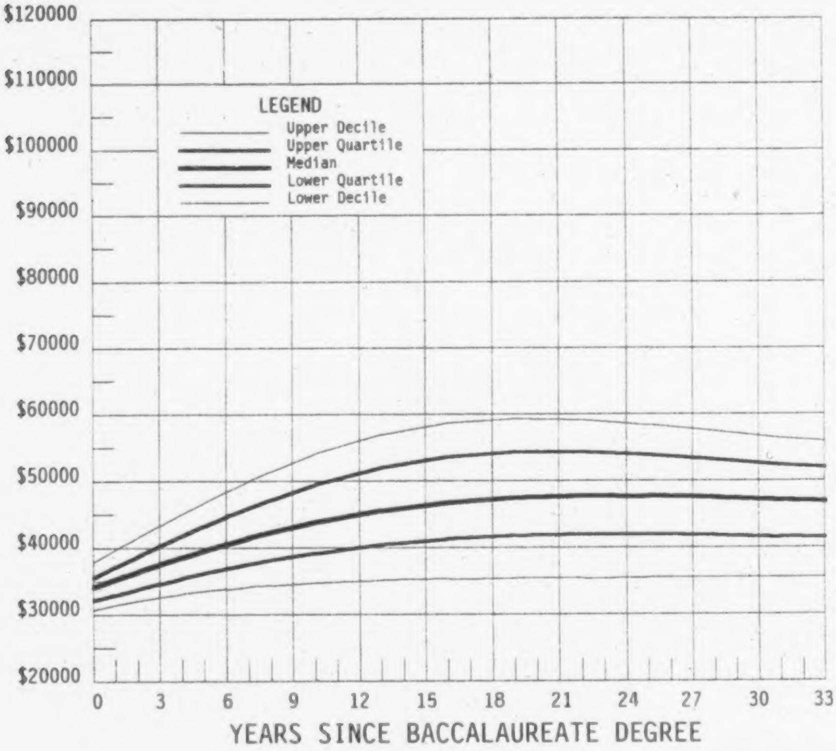
SALARY CURVES FOR ENGINEERS IN PRECISION INSTRUMENTS
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	46600	49650	52750	55900	59100	65350	73850	80400	84450	86000	85700	84200	82200	77950	74550	2.2
Upper Quartile	0	0	0	0	45200	47650	50150	52600	55050	59750	65900	70500	73400	74600	74600	73750	72600	69900	65750	2.2
Median	0	0	0	0	42750	44950	47150	49300	51400	55250	60000	63150	64700	64850	64050	62750	61300	58450	58150	2.2
Lower Quartile	0	0	0	0	40700	42150	43550	44900	46250	48650	51750	54100	55600	56500	56850	56800	56550	55800	48750	2.2
Lower Decile	0	0	0	0	39650	40800	41850	42900	43850	45550	47550	48850	49600	49850	49700	49400	49000	48100	43650	2.2
Mean	0	0	0	0	43200	45350	47500	49600	51650	55550	60500	64100	66250	67050	66850	66100	65050	62800	59550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	46900	50450	52350	59750	59400	70500	66300	78000	75400	143350	71400	72550	95500	88650	74550	
Upper Quartile	0	0	0	0	45850	46050	50850	58350	57450	63350	61450	71150	72350	74150	69250	66650	73000	85600	65750	
Median	0	0	0	0	44100	43700	45600	53000	52050	59250	54750	66650	60800	61300	64250	63350	57000	62600	58150	
Lower Quartile	0	0	0	0	42450	42300	43250	51150	48400	48850	50400	52300	51450	57150	60950	59200	49800	55550	48750	
Lower Decile	0	0	0	0	41450	41450	41900	50000	44150	46050	45700	47050	46550	52000	52150	49850	47700	47600	43650	
Mean	0	0	0	0	44250	45250	46750	55550	52400	57800	56100	63950	61350	76150	64350	62800	63250	67200	59550	
Supporting Data																				
Total Number	0	0	8	8	19	30	29	22	29	75	55	81	53	52	62	37	10	33	601	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

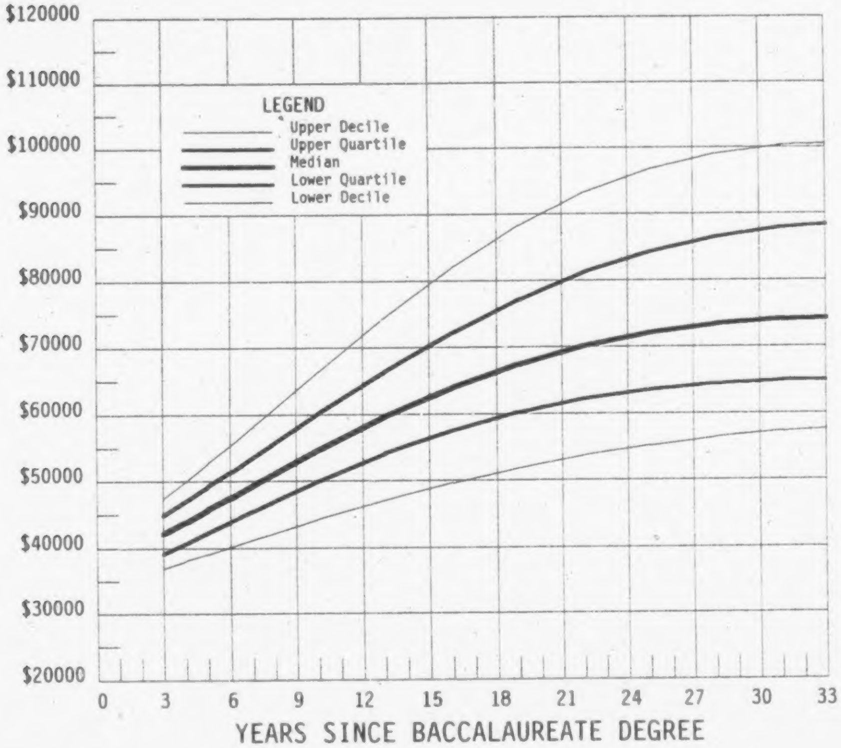
SALARY CURVES FOR ENGINEERS IN PRECISION INSTRUMENTS
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37950	39750	41550	43350	45100	46800	48450	50000	51450	54050	56950	58700	59300	59150	58400	57400	56350	54300	54000	2.2
Upper Quartile	35550	37150	38700	40250	41750	43250	44650	45950	47200	49450	52000	53600	54300	54300	53850	53150	52350	50800	48550	2.2
Median	34150	35300	36400	37500	38550	39600	40550	41450	42300	43800	45600	46800	47500	47750	47700	47500	47150	46450	42650	2.2
Lower Quartile	32100	32950	33800	34650	35400	36150	36850	37500	38100	39200	40450	41250	41750	41950	41950	41800	41600	41150	37350	2.2
Lower Decile	30800	31500	32100	32650	33100	33500	33850	34150	34400	34800	35150	35350	35400	35450	35500	35500	35500	35500	33350	7.8
Mean	33900	35200	36400	37600	38800	39900	40950	41950	42900	44500	46350	47500	48000	48000	47700	47200	46650	45550	43500	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33900	42250	39900	47450	47000	50400	43850	49800	49100	52150	67400	52650	55050	54900	59100	59100	55250	58050	54000	
Upper Quartile	33600	37300	37850	43000	43700	45450	41100	43850	47050	49600	56700	50100	51150	49900	56600	57150	48650	52850	48550	
Median	33050	33200	36200	41000	39750	40400	38100	41450	42650	44400	45800	43950	47350	47250	46250	51800	45050	47300	42650	
Lower Quartile	32450	32000	34100	35300	35950	36400	33100	36750	40000	41000	40200	40000	42300	39300	40500	45200	41900	41600	37350	
Lower Decile	32150	30700	31000	34250	34200	29750	31650	34600	37050	36550	36300	36450	38150	31950	38300	39150	36750	25550	33350	
Mean	33150	34750	35900	39800	40100	40600	37700	41250	42900	44700	49000	44750	47000	45450	48200	50800	45500	45850	43500	
Supporting Data																				
Total Number	41	51	70	75	82	76	76	100	60	241	183	86	107	85	72	56	31	63	1553	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	

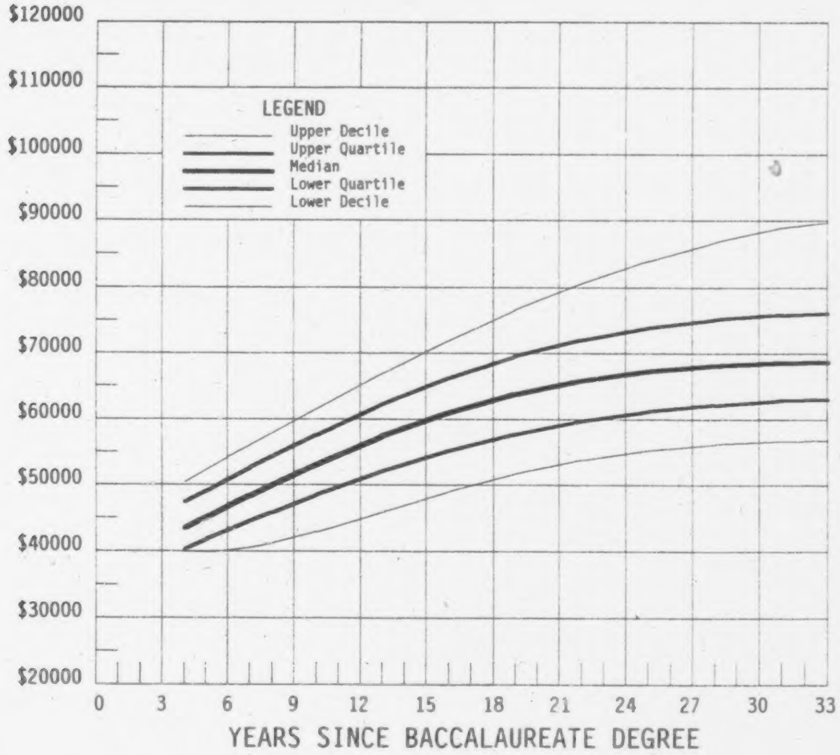
SALARY CURVES FOR ENGINEERS IN RUBBER & PLASTIC PRODUCTS
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: RUBBER & PLASTIC PRODUCTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	47450	50000	52650	55350	58100	60850	66400	74550	82000	88350	93250	96750	99050	100300	101150	87550	2.2
Upper Quartile	0	0	0	44950	47050	49200	51350	53550	55750	60100	66400	72150	77150	81200	84250	86450	87900	89550	72750	2.2
Median	0	0	0	42100	43900	45700	47550	49350	51150	54700	59650	63950	67450	70150	72100	73350	74100	74750	60450	2.2
Lower Quartile	0	0	0	39150	40750	42350	43950	45500	47050	50000	54050	57500	60250	62250	63600	64450	64900	65150	48800	2.2
Lower Decile	0	0	0	36950	38050	39100	40200	41250	42250	44300	47100	49650	51850	53700	55200	56400	57300	58600	40650	2.2
Mean	0	0	0	42750	44650	46550	48450	50400	52300	56100	61450	66200	70200	73300	75650	77200	78200	79200	62850	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37950	0	0	46850	49700	49800	59200	62800	58000	67600	74500	79000	84500	89850	115000	110850	97000	99000	87550	
Upper Quartile	37100	0	0	44400	45900	48750	55000	55000	52100	62200	66500	69500	74200	84700	92500	88750	80000	90500	72750	
Median	35800	0	0	42100	41750	47000	50000	49000	50250	54900	60250	62250	65750	74000	72000	76650	70000	75000	60450	
Lower Quartile	34700	0	0	39100	39300	42100	47000	45500	46750	48700	55800	58250	61300	60350	61000	62500	60000	67700	48800	
Lower Decile	34050	0	0	36200	38100	40100	39800	43400	44500	40300	48500	52250	51950	53300	56800	52100	56800	59450	40650	
Mean	35850	0	0	43200	42800	47400	50150	51100	50500	55900	61300	67200	69150	73400	79550	78450	74400	79450	62850	
Supporting Data																				
Total Number	11	3	6	11	11	14	12	16	15	33	35	25	33	21	14	17	16	46	339	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	5	
Less Than $22000	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	

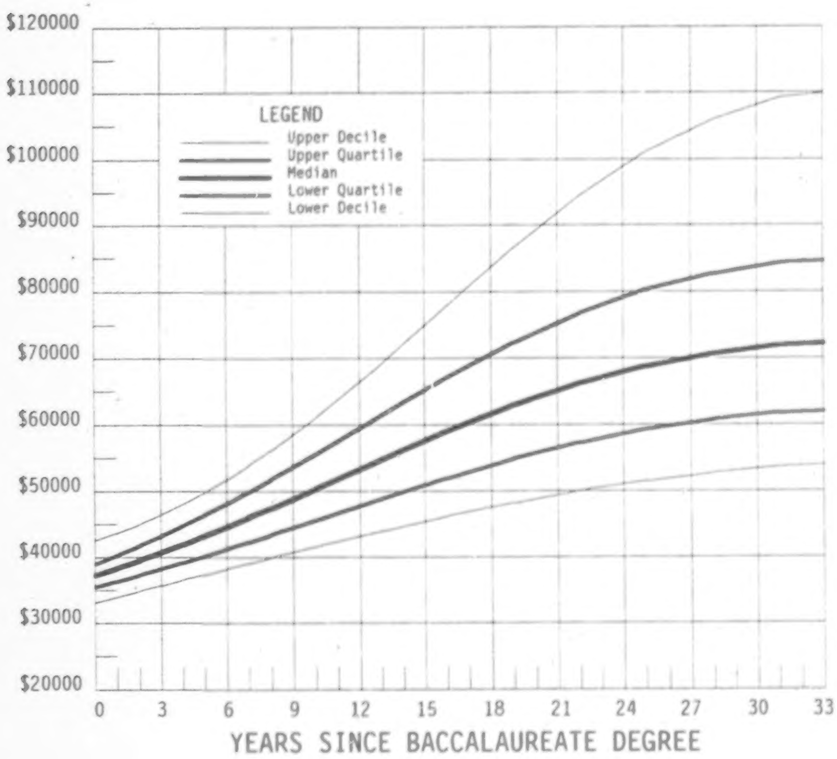
SALARY CURVES FOR ENGINEERS IN RUBBER & PLASTIC PRODUCTS
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: RUBBER & PLASTIC PRODUCTS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	50450	52300	54150	56000	57850	61500	66900	71950	76550	80600	84000	86800	88950	92150	74350	2.2
Upper Quartile	0	0	0	0	47300	49050	50800	52550	54300	57600	62250	66250	69550	72050	73900	75150	75900	76700	65100	2.2
Median	0	0	0	0	43400	45050	46700	48350	50000	53100	57350	60950	63800	65900	67300	68200	68650	68950	55400	2.2
Lower Quartile	0	0	0	0	40300	41700	43100	44500	45850	48450	52050	55200	57750	59750	61200	62200	62850	63550	45950	2.2
Lower Decile	0	0	0	0	39850	39850	40100	40550	41200	42900	45900	49000	51700	53850	55300	56200	56700	57000	39200	4.6
Mean	0	0	0	0	44150	45650	47150	48600	50050	52900	56900	60450	63500	66000	68000	69500	70600	72000	56450	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37950	0	0	0	49700	49350	56000	63200	52350	62800	68800	68800	71600	84500	0	0	99500	90150	74350	
Upper Quartile	37100	0	0	0	45900	48350	54500	55250	51400	57500	62850	63350	66700	81250	0	0	77000	75750	65100	
Median	35800	0	0	0	41750	45500	50000	48000	49500	52250	59000	60650	63600	63350	0	0	67000	70000	55400	
Lower Quartile	34700	0	0	0	39300	42300	42500	45100	46250	47400	55000	56000	54900	58500	0	0	58350	65850	45950	
Lower Decile	34050	0	0	0	38100	41100	39500	43100	44300	39600	46700	50900	50150	53900	0	0	56150	57800	39200	
Mean	35850	0	0	0	42800	45250	49150	50800	48750	52000	58750	59700	60350	67900	0	0	73700	71550	56450	
Supporting Data																				
Total Number	11	3	6	9	11	11	10	14	13	26	28	16	21	13	8	9	11	29	249	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	

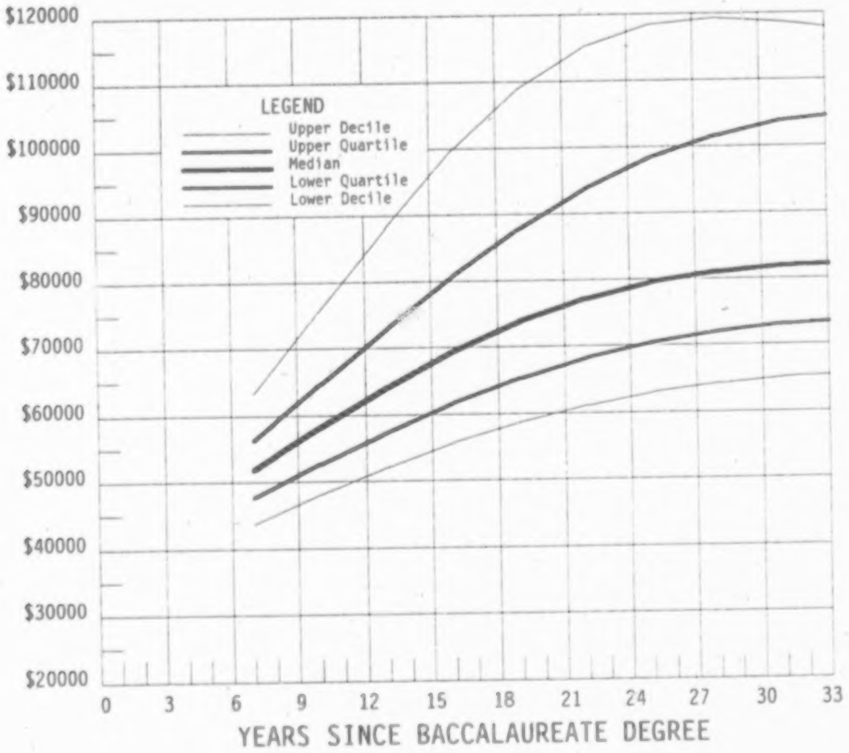
SALARY CURVES FOR ENGINEERS IN TRANSPORTATION EQUIPMENT/AEROSPACE
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: TRANSPORTATION EQUIPMENT/AEROSPACE

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	42550	43700	45000	46450	48050	49850	51800	53900	56150	61000	69150	77850	86550	94500	101100	106000	109200	111900	81000	3.8
Upper Quartile	39000	40300	41700	43200	44800	46450	48150	49950	51750	55550	61400	67100	72350	76750	80250	82650	84200	85450	67300	3.8
Median	37250	38350	39500	40700	41950	43300	44650	46050	47450	50350	54750	59000	62900	66200	68800	70700	71950	73050	54800	3.6
Lower Quartile	35450	36350	37250	38200	39200	40200	41250	42300	43400	45600	48850	52000	54850	57300	59300	60750	61750	62750	45500	3.4
Lower Decile	33200	34000	34850	35700	36550	37400	38250	39100	39950	41600	44000	46250	48250	50050	51550	52750	53650	54800	40100	2.8
Mean	37900	38850	39950	41100	42350	43700	45100	46550	48100	51250	56200	61050	65500	69300	72300	74350	75700	76800	58850	3.8
Raw (Unsmoothed) Statistics																				
Upper Decile	0	48350	45500	46400	47000	48650	50550	53950	55400	61600	71600	76350	81950	102900	105200	106450	107850	105400	81000	
Upper Quartile	0	41300	42800	43250	43850	45350	46650	49550	51800	56200	62600	67450	72000	75600	80000	82200	85250	84550	67300	
Median	0	39150	40450	40850	41350	42250	43050	46100	47750	50950	55450	58950	62150	64650	69200	70350	72800	73250	54800	
Lower Quartile	0	36700	38450	38400	38800	39150	39850	42600	43800	46150	48950	51700	54500	56700	59250	60600	62400	62950	45500	
Lower Decile	0	34050	36350	36250	36800	36700	37650	39600	40100	42000	44000	45400	47800	48500	52650	53450	54300	54750	40100	
Mean	0	40350	41050	41250	41800	42700	43750	46550	48050	51600	57100	61200	65100	68950	72600	74000	76100	75950	58850	
Supporting Data																				
Total Number	182	337	581	766	976	1020	1008	1264	1633	4172	2867	2383	1971	1808	1849	1734	1468	2204	28223	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	11	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

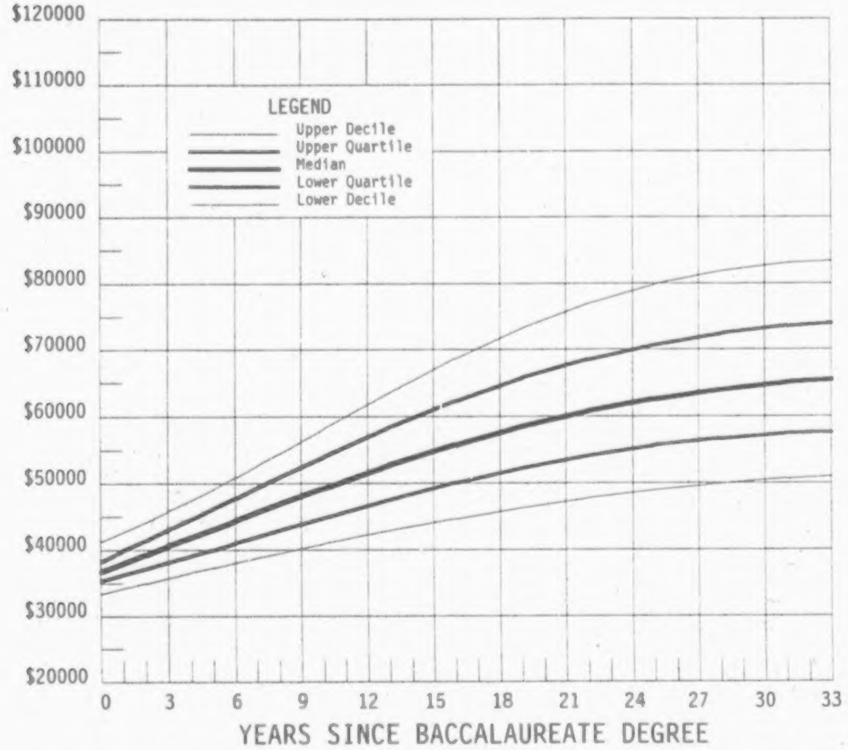
SALARY CURVES FOR ENGINEERS IN TRANSPORTATION EQUIPMENT/AEROSPACE SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: TRANSPORTATION EQUIPMENT/AEROSPACE, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	63250	67300	75650	88200	99700	108900	115150	118400	119250	118650	115350	112400	2.2
Upper Quartile	0	0	0	0	0	0	0	56350	59050	64600	72900	80750	87800	93700	98300	101600	103850	106350	87800	2.2
Median	0	0	0	0	0	0	0	51900	54000	58200	64150	69450	73800	77150	79500	81050	81900	82600	73350	2.2
Lower Quartile	0	0	0	0	0	0	0	47600	49300	52700	57450	61700	65300	68200	70400	72000	73050	74250	61600	2.2
Lower Decile	0	0	0	0	0	0	0	43700	45150	48050	52150	55750	58750	61150	62950	64250	65100	66050	52000	2.2
Mean	0	0	0	0	0	0	0	53400	55800	60600	67450	73550	78550	82300	84900	86400	87200	87500	77000	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	53300	0	0	63150	66250	70000	88950	108900	111450	116200	115750	115800	117250	116500	112400	
Upper Quartile	0	0	0	0	48600	0	0	56800	60200	63950	74050	78200	82000	103050	101950	102000	104300	103000	87800	
Median	0	0	0	0	44650	0	0	52300	54050	58100	65450	69950	72600	76850	78450	79700	83750	83200	73350	
Lower Quartile	0	0	0	0	41800	0	0	47700	49750	52800	58900	61650	63400	68300	69600	72000	73800	74700	61600	
Lower Decile	0	0	0	0	39700	0	0	44900	46950	48550	53600	55950	56900	60650	61400	62700	65300	68650	52000	
Mean	0	0	0	0	46000	0	0	53750	56050	59900	69200	74000	76650	83350	83900	85200	88200	88150	77000	
Supporting Data																				
Total Number	11	31	47	54	77	65	58	98	150	575	658	692	700	668	764	745	635	886	6913	
$125,000 or More	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	6	5	11	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

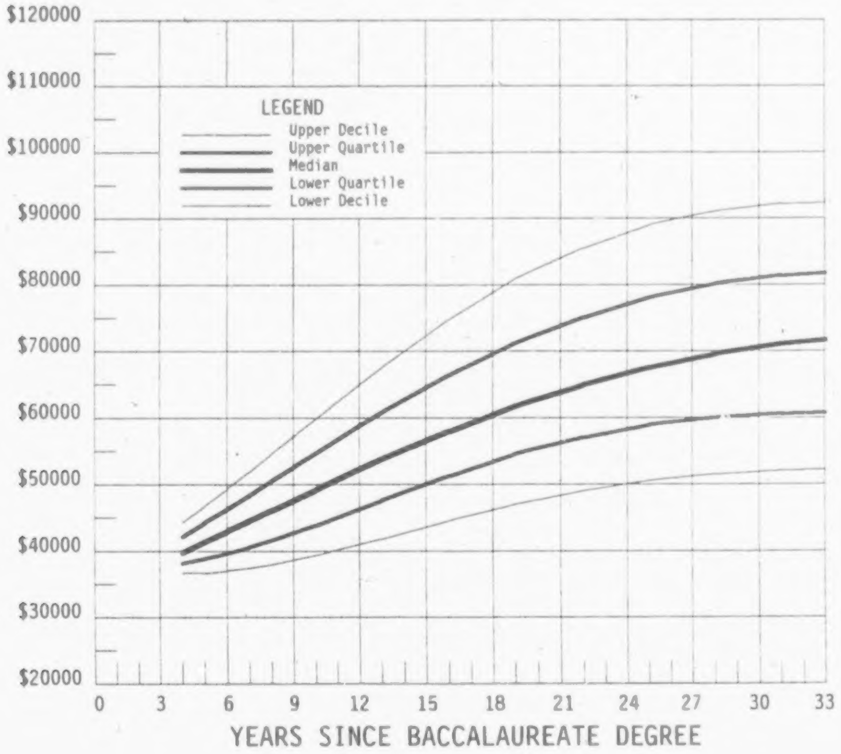
SALARY CURVES FOR ENGINEERS IN TRANSPORTATION EQUIPMENT/AEROSPACE NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: TRANSPORTATION EQUIPMENT/AEROSPACE, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41250	42700	44200	45800	47450	49150	50900	52650	54450	58150	63550	68700	73250	77000	79850	81850	83100	84100	69700	3.8
Upper Quartile	38300	39850	41400	43000	44600	46200	47800	49350	50950	54000	58400	62300	65700	68500	70700	72400	73600	75150	59900	2.2
Median	36700	37950	39250	40550	41850	43100	44400	45650	46900	49300	52750	55800	58500	60750	62550	63950	65000	66500	50850	2.2
Lower Quartile	35400	36300	37200	38150	39050	40000	41000	41950	42900	44800	47550	50100	52300	54150	55650	56700	57450	58100	43550	3.4
Lower Decile	33400	34200	35000	35750	36550	37300	38050	38800	39500	40900	42900	44700	46350	47750	48950	49950	50750	51950	39150	2.2
Mean	37500	38550	39700	40850	42050	43250	44450	45700	46950	49450	53150	56600	59600	62150	64100	65450	66350	67150	52950	3.6
Raw (Unsmoothed) Statistics																				
Upper Decile	0	46200	43950	45700	46500	47600	49750	52750	54350	59400	64350	68300	72000	74600	80350	82200	82800	84750	69700	
Upper Quartile	0	40800	42450	43050	43550	44950	46250	49100	51150	54900	59100	62000	65050	66900	71900	71650	74000	75300	59900	
Median	0	38900	40200	40700	41100	42000	42800	45700	47200	50000	52950	55700	58250	60100	62600	63500	65750	66450	50850	
Lower Quartile	0	36450	38300	38300	38650	38950	39650	42350	43400	45500	47400	49650	51350	53100	56450	57100	57600	58500	43550	
Lower Decile	0	33800	36200	36150	36650	36550	37450	39450	39800	41500	42750	43900	46100	45100	50100	50750	51650	52150	39150	
Mean	0	39550	40450	40950	41400	42150	43300	45950	47200	50250	53500	55950	58700	60550	64700	65550	66900	67750	52950	
Supporting Data																				
Total Number	171	306	534	713	899	955	949	1166	1483	3596	2210	1691	1270	1140	1086	990	833	1319	21310	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

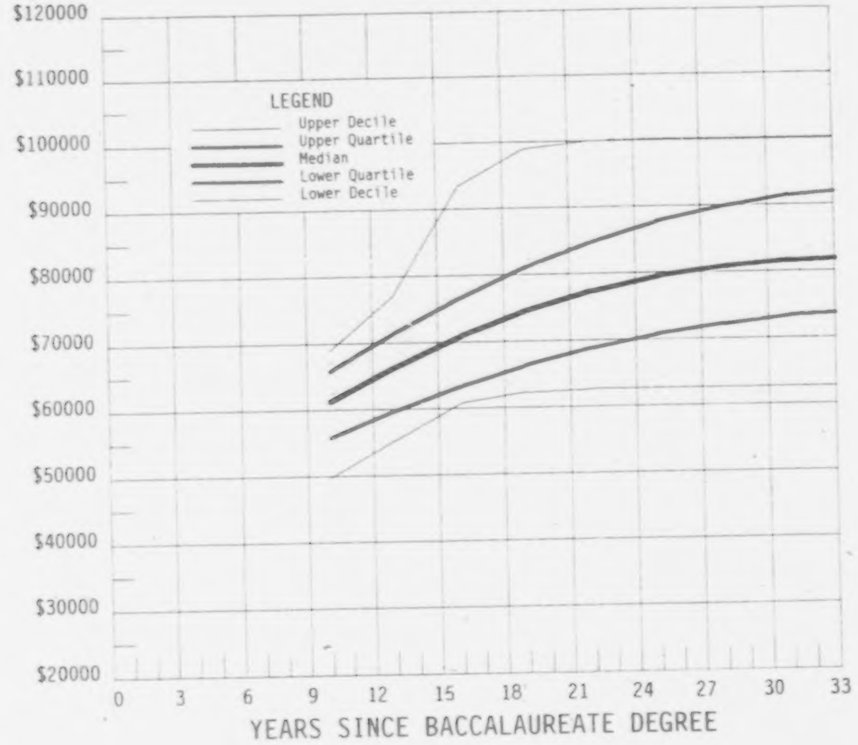
SALARY CURVES FOR ENGINEERS IN AEROSPACE
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: AEROSPACE

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	44350	46800	49350	51900	54500	59800	67550	74750	80850	85600	89000	91100	92250	92900	81500	2.2
Upper Quartile	0	0	0	0	42200	44200	46300	48350	50450	54650	60800	66400	71200	75100	78050	80100	81400	82750	69550	2.2
Median	0	0	0	0	39800	41350	42950	44500	46100	49200	53750	57950	61700	64900	67550	69550	71100	73200	56100	2.2
Lower Quartile	0	0	0	0	38150	38850	39650	40550	41600	43900	47600	51250	54500	57050	58850	60000	60600	61050	46050	4.4
Lower Decile	0	0	0	0	36650	36700	37000	37400	37950	39350	41850	44550	47000	49050	50550	51550	52100	52500	39850	4.2
Mean	0	0	0	0	40200	41750	43300	44900	46450	49600	54150	58450	62250	65550	68250	70400	72050	74300	58950	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	43600	45950	48800	51900	54050	60700	70200	73250	75900	84100	85950	93600	93150	93550	81500	
Upper Quartile	0	0	0	0	41750	43100	45600	48600	50500	55650	61650	64650	69800	72000	77700	81650	83000	82650	69550	
Median	0	0	0	0	38900	39900	42350	45400	46550	49900	54050	56700	60650	62200	67850	71050	72400	72950	56100	
Lower Quartile	0	0	0	0	36600	37250	39250	41850	42550	45000	47150	48750	51150	51650	57700	61500	63100	63750	46050	
Lower Decile	0	0	0	0	34400	35000	36650	38800	38750	40600	41800	41650	44750	42700	50000	51600	54450	55650	39850	
Mean	0	0	0	0	39150	40450	42750	45400	46750	50450	54950	57150	60600	62400	67950	71800	73900	74200	58950	
Supporting Data																				
Total Number	17	35	38	60	108	172	226	355	381	1036	714	547	397	343	395	442	518	1032	6815	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

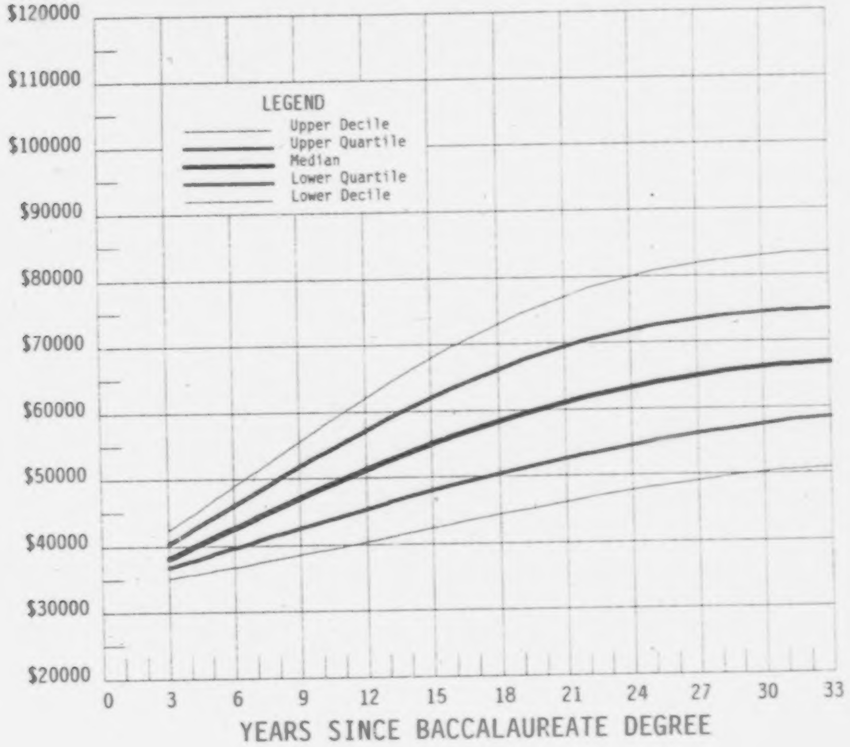
SALARY CURVES FOR ENGINEERS IN AEROSPACE SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	68850	77150	93500	98900	100000	100150	100150	100150	100150	97450	15.0
Upper Quartile	0	0	0	0	0	0	0	0	0	65850	71500	76650	81100	84750	87650	89850	91450	93450	87250	2.2
Median	0	0	0	0	0	0	0	0	0	61100	66300	70850	74550	77400	79400	80800	81600	82350	76850	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	55700	59700	63300	66350	68850	70800	72250	73350	74700	67700	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	49700	55250	60750	62300	62600	62650	62650	62650	62650	57300	15.0
Mean	0	0	0	0	0	0	0	0	0	59800	66800	76950	80050	80650	80750	80750	80750	80750	78000	15.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	68750	79550	83100	85000	91750	93300	99050	107700	107600	97450	
Upper Quartile	0	0	0	0	0	0	0	0	0	64350	74900	76500	77900	86150	84650	92000	92600	92950	87250	
Median	0	0	0	0	0	0	0	0	0	60250	67550	72050	73100	77100	77000	81450	83200	82000	76850	
Lower Quartile	0	0	0	0	0	0	0	0	0	54550	61450	65050	64400	66950	68650	74350	74150	74350	67700	
Lower Decile	0	0	0	0	0	0	0	0	0	49600	57050	54750	52350	53350	59950	63850	65300	68300	57300	
Mean	0	0	0	0	0	0	0	0	0	59700	68650	69550	70350	75700	77150	81950	85000	84700	78000	
Supporting Data																				
Total Number	0	0	0	0	1	4	2	5	11	75	92	83	88	69	107	154	189	358	1238	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

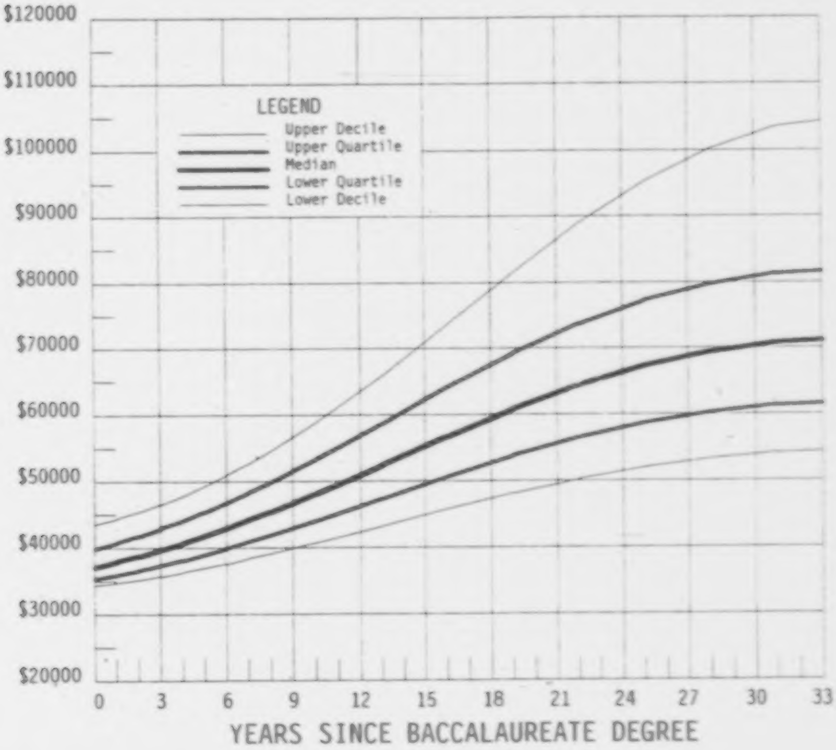
SALARY CURVES FOR ENGINEERS IN AEROSPACE
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	42400	44500	46700	48900	51100	53350	57800	64150	69850	74600	78250	80800	82400	83300	83900	73500	2.2
Upper Quartile	0	0	0	40400	42250	44150	46050	47950	49900	53650	58950	63600	67500	70450	72500	73850	74650	75250	63250	2.2
Median	0	0	0	38150	39650	41150	42650	44100	45600	48500	52600	56300	59400	62000	63950	65450	66450	67750	52500	2.2
Lower Quartile	0	0	0	36750	37750	38700	39700	40650	41650	43500	46250	48850	51200	53300	55150	56700	58000	59950	44500	2.2
Lower Decile	0	0	0	35150	35700	36200	36800	37350	37950	39200	41100	43050	44950	46700	48250	49550	50550	51850	39000	2.8
Mean	0	0	0	38500	39950	41450	42900	44400	45850	48700	52750	56400	59500	62100	64100	65600	66650	68000	54700	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	40950	43600	45650	48550	51500	53450	59350	64550	67600	71550	75500	81800	84300	83200	84650	73500	
Upper Quartile	0	0	0	38850	41700	42900	45500	48500	50150	54900	59350	62050	65750	66550	73800	73450	74750	76400	63250	
Median	0	0	0	36250	38850	39800	42300	45300	46300	49350	52250	54800	58200	60450	64400	66000	67100	68100	52500	
Lower Quartile	0	0	0	34350	36600	37200	39250	41750	42450	44600	46100	47750	49750	49850	55050	58100	59400	60350	44500	
Lower Decile	0	0	0	31600	34350	34950	36600	38800	38600	40250	41300	41300	43950	41800	47400	49950	52050	53700	39000	
Mean	0	0	0	36600	39100	40100	42600	45300	46300	49750	52950	54900	57800	59050	64550	66400	67500	68600	54700	
Supporting Data																				
Total Number	17	35	38	60	106	168	224	351	370	961	622	464	309	275	288	288	329	674	5577	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

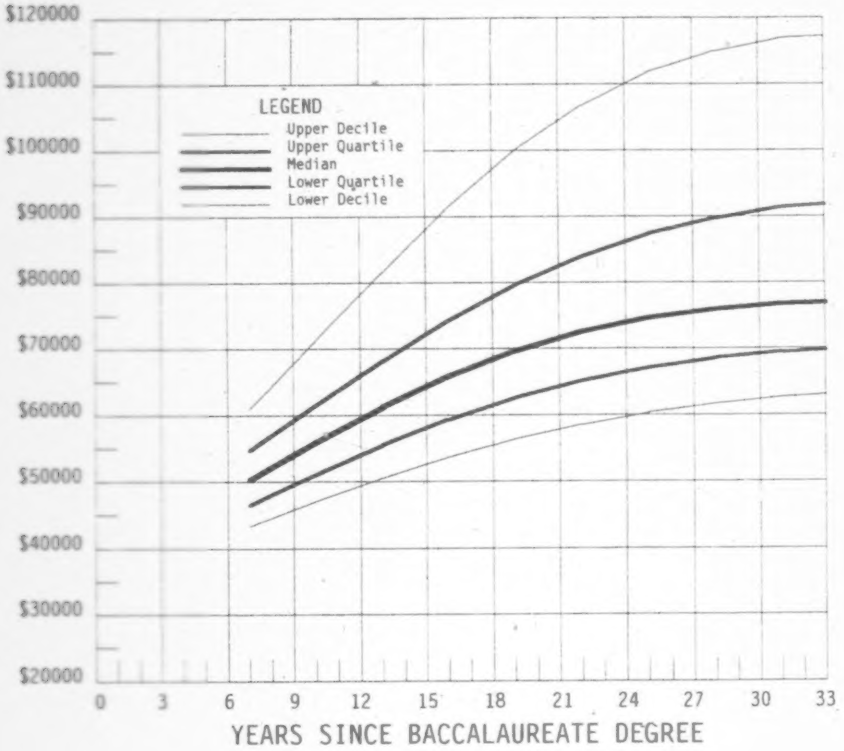
SALARY CURVES FOR ENGINEERS IN TRANSPORTATION EQUIPMENT
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: TRANSPORTATION EQUIPMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43600	44400	45400	46550	47850	49350	50950	52700	54600	58800	65850	73550	81400	88850	95200	100150	103550	106650	74900	3.6
Upper Quartile	39900	40750	41750	42850	44050	45400	46800	48300	49900	53250	58650	64100	69200	73650	77200	79700	81300	82650	62250	3.8
Median	37150	37900	38750	39650	40650	41750	42900	44150	45400	48100	52400	56700	60750	64350	67250	69400	70800	72100	50950	3.6
Lower Quartile	35400	35950	36550	37300	38100	38950	39850	40850	41850	44000	47350	50700	53800	56500	58650	60250	61300	62250	42500	3.6
Lower Decile	34350	34750	35200	35700	36300	36950	37600	38350	39100	40700	43200	45750	48150	50250	52000	53300	54200	55100	38350	3.4
Mean	38300	38950	39700	40550	41550	42650	43800	45050	46350	49200	53800	58550	63100	67200	70600	73100	74800	76300	54650	3.6
Raw (Unsmoothed) Statistics																				
Upper Decile	48100	51250	46600	48250	46200	46900	49050	53000	54450	60000	67450	74050	79750	89150	92950	99850	103450	106450	74900	
Upper Quartile	40700	45150	42900	43200	42900	44250	44150	48300	50350	54200	60200	63800	70050	73450	77150	77800	80650	80800	62250	
Median	37200	39900	40150	40250	40100	40850	40350	44100	45350	48800	53550	57250	61550	63700	67400	67750	70150	70800	50950	
Lower Quartile	35200	36650	38000	37650	38150	37900	38400	41000	41400	44250	48050	51350	54400	56750	59100	59600	60600	59700	42500	
Lower Decile	34100	34500	36150	36500	36600	36450	36700	38750	38650	40300	44150	46100	47550	50800	53850	54050	53100	51550	38350	
Mean	39000	41750	41350	41300	40850	41350	41700	45000	46000	49650	55250	59300	63950	67500	70800	71650	73150	73400	54650	
Supporting Data																				
Total Number	279	384	594	810	1096	1077	1170	840	1345	3261	2235	1571	1387	1251	1330	1237	735	805	21408	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

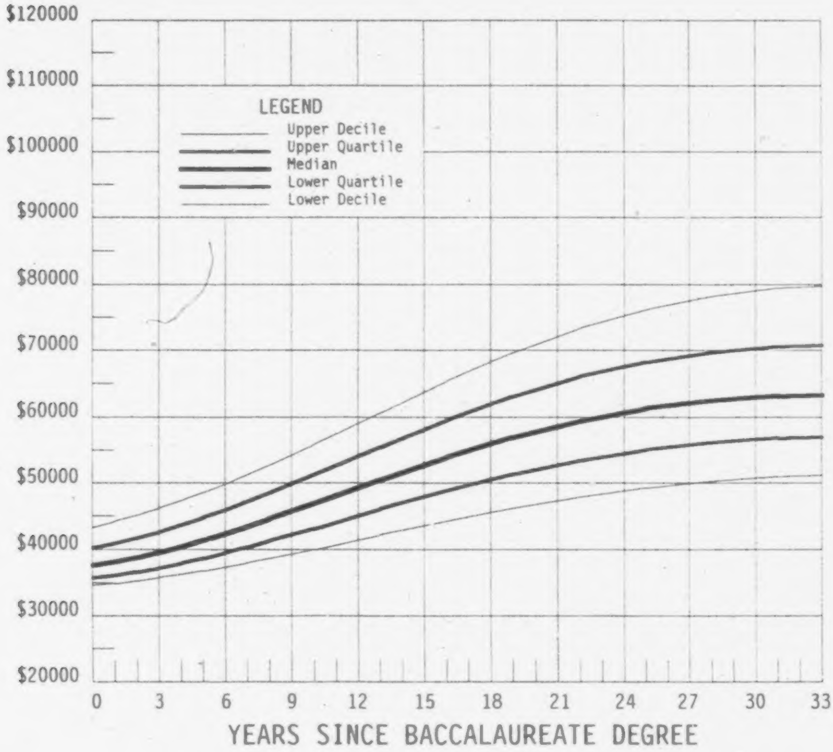
SALARY CURVES FOR ENGINEERS IN TRANSPORTATION EQUIPMENT SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: TRANSPORTATION EQUIPMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	61050	64400	71300	81600	91400	99900	106750	111750	115000	116900	118200	104600	4.2
Upper Quartile	0	0	0	0	0	0	0	54650	56950	61500	68150	74250	79600	83950	87300	89750	91400	93250	78950	2.2
Median	0	0	0	0	0	0	0	50300	52200	55950	61200	65850	69650	72550	74600	75950	76750	77450	68150	2.2
Lower Quartile	0	0	0	0	0	0	0	46500	48100	51150	55500	59350	62600	65200	67150	68550	69500	70600	58200	2.2
Lower Decile	0	0	0	0	0	0	0	43350	44600	47100	50550	53650	56350	58550	60300	61650	62650	63950	50500	2.2
Mean	0	0	0	0	0	0	0	51850	53950	58200	64150	69450	73800	77150	79500	80950	81800	82400	71600	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	53450	0	0	60050	63750	68850	79200	101950	105450	111450	108650	111050	112000	114750	104600	
Upper Quartile	0	0	0	0	48700	0	0	55300	57400	62600	68100	73950	77950	86200	86150	88100	88700	98650	78950	
Median	0	0	0	0	44800	0	0	50150	52850	56350	62400	64250	68350	73200	74750	74900	77650	78550	68150	
Lower Quartile	0	0	0	0	41800	0	0	45650	49000	51800	56500	57600	61550	66200	66750	68000	70150	71600	58200	
Lower Decile	0	0	0	0	39650	0	0	40700	47150	47850	50550	53350	54400	59650	61150	61000	61800	65050	50500	
Mean	0	0	0	0	46100	0	0	51350	54400	58200	64800	69150	72550	78750	79050	79800	81900	83800	71600	
Supporting Data																				
Total Number	8	23	41	40	56	50	47	80	125	543	627	518	557	504	640	617	361	404	5241	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

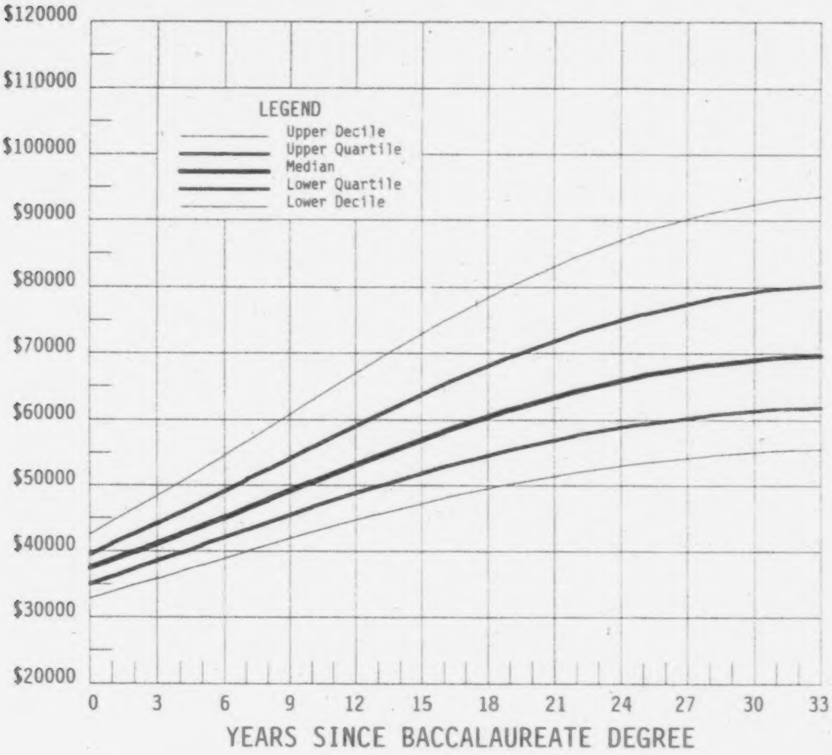
SALARY CURVES FOR ENGINEERS IN TRANSPORTATION EQUIPMENT NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: TRANSPORTATION EQUIPMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43350	44200	45150	46200	47350	48600	49900	51300	52750	55850	60600	65350	69650	73350	76150	78200	79450	80500	63400	3.8
Upper Quartile	40200	40900	41700	42600	43650	44750	45950	47200	48500	51250	55450	59500	63100	66050	68250	69700	70600	71300	55550	4.0
Median	37550	38100	38750	39550	40400	41350	42350	43400	44550	46900	50450	53900	56950	59400	61250	62450	63200	63750	46900	4.0
Lower Quartile	35650	36050	36600	37200	37900	38650	39500	40350	41250	43100	46050	48850	51350	53450	55050	56150	56850	57450	40750	3.8
Lower Decile	34600	34900	35300	35750	36250	36800	37350	38000	38650	40000	42150	44250	46200	47900	49300	50350	51050	51750	37600	3.4
Mean	38550	39050	39600	40300	41100	42000	42950	43950	45050	47350	50900	54450	57700	60450	62550	64050	65000	65750	49150	3.8
Raw (Unsmoothed) Statistics																				
Upper Decile	47300	50700	45250	47650	45700	46550	48250	51800	52950	57200	61150	65300	71100	72700	75700	76050	79850	77500	63400	
Upper Quartile	40350	44800	42500	43000	42600	43850	43600	47400	49350	52200	56200	59800	63300	65000	69000	67600	70500	69200	55550	
Median	37100	39750	39950	40100	39950	40600	40200	43650	44650	47600	51200	54500	57950	58900	60850	61400	62400	61050	46900	
Lower Quartile	35150	36450	37800	37550	38050	37800	38350	40800	41050	43350	46600	49200	51250	53600	56550	56450	55100	54100	40750	
Lower Decile	34050	34400	36050	36500	36550	36400	36650	38650	38500	39650	42900	44200	45800	47500	50900	51900	50350	48750	37600	
Mean	38700	41350	40450	41100	40550	41000	41350	44350	45150	47950	51550	54450	58200	59900	63150	63550	64750	62900	49150	
Supporting Data																				
Total Number	271	361	553	771	1040	1027	1123	760	1220	2718	1608	1053	830	747	691	620	373	401	16167	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

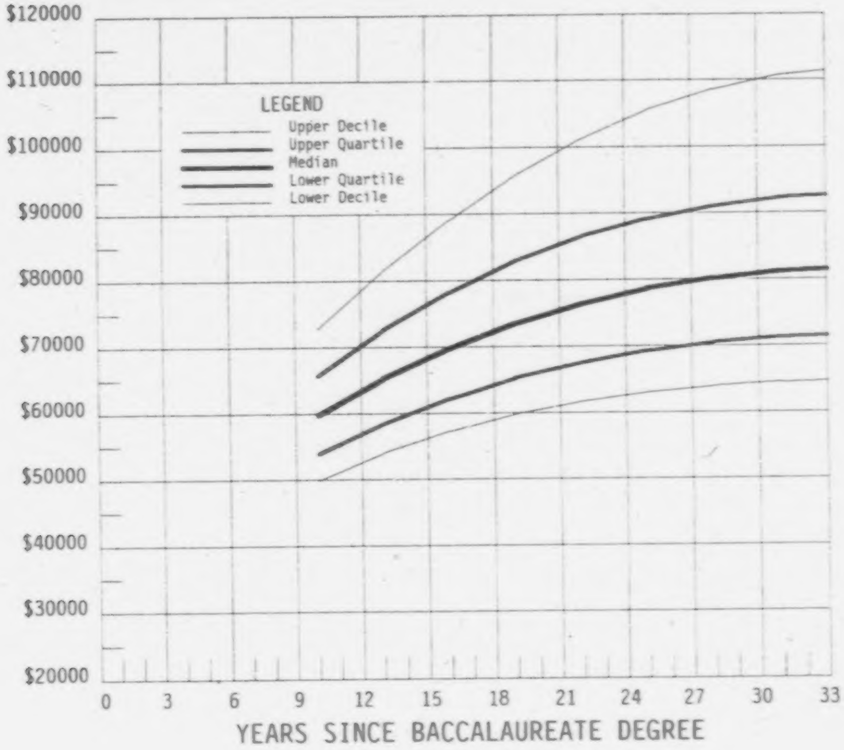
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	42600	44550	46500	48450	50500	52550	54600	56700	58800	62950	69100	74900	80150	84650	88300	91100	93050	95100	81500	3.2
Upper Quartile	39550	41100	42650	44250	45900	47500	200	50850	52500	55850	60750	65350	69500	73100	76000	78250	79800	81450	68950	3.2
Median	37450	38650	39900	41200	42500	43800	50	46500	47850	50550	54500	58250	61600	64400	66700	68350	69450	70550	58850	3.4
Lower Quartile	35000	36150	37350	38550	39700	40900	42100	43250	44400	46700	49950	52900	55500	57700	59450	60750	61650	62550	49400	3.2
Lower Decile	32850	33850	34900	35900	36900	37950	38950	39950	40950	42900	45650	48100	50300	52100	53550	54600	55350	56100	42150	3.2
Mean	38200	39500	40850	42200	43550	44950	46350	47800	49200	52050	56250	60200	63800	66900	69450	71400	72750	74200	61000	3.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	43950	48000	46900	46950	55050	53850	58750	60200	62300	70200	72850	79950	86550	89400	89550	94000	94200	81500	
Upper Quartile	0	41400	42850	43700	45300	46950	48750	50500	53600	55850	61500	64500	69300	72450	77700	78200	82250	79750	68950	
Median	0	38800	40300	40800	42500	42950	43550	46150	48400	50650	55250	57700	62000	63650	67450	69350	70400	69100	58850	
Lower Quartile	0	36600	38200	38150	39450	40400	40800	43200	44600	46900	50100	52650	55800	57000	60550	61050	63050	61200	49400	
Lower Decile	0	33550	35550	35600	37150	38400	38850	40250	41500	42500	45700	48000	50250	51000	54850	56300	56700	54600	42150	
Mean	0	39050	41100	42100	42900	44900	45750	47500	49850	51850	56750	59600	64000	67150	70500	71350	74200	72500	61000	
Supporting Data																				
Total Number	25	64	90	89	84	100	86	110	114	440	482	426	478	400	381	278	252	479	4377	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	1	4	8	20	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

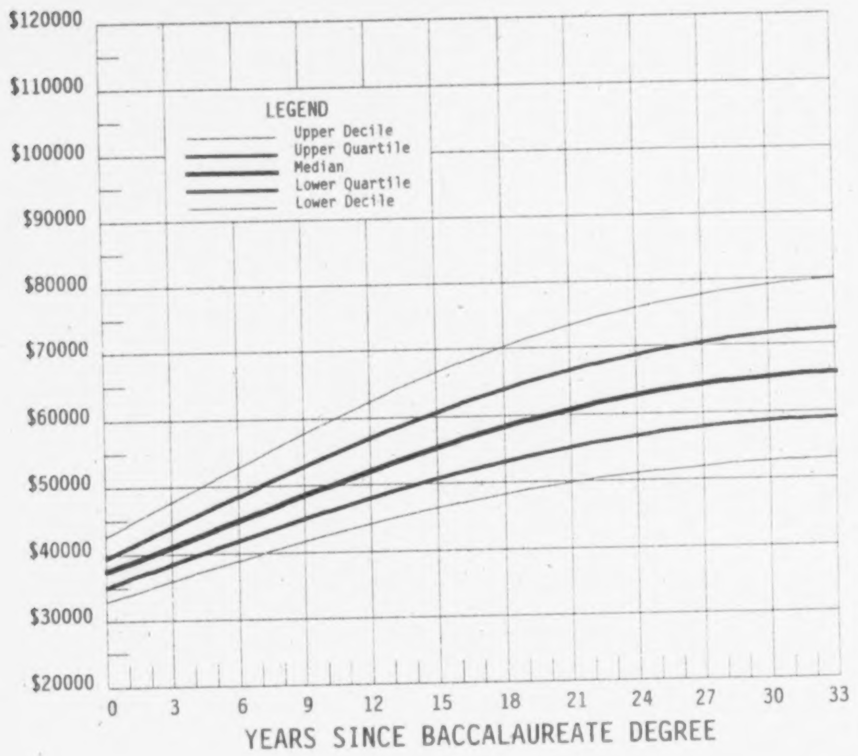
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	72700	81300	89050	95750	101200	105450	108600	110800	113150	100400	3.0
Upper Quartile	0	0	0	0	0	0	0	0	0	65750	72450	78200	82850	86500	89150	91050	92300	93500	86200	3.2
Median	0	0	0	0	0	0	0	0	0	59800	65200	69750	73500	76400	78600	80150	81200	82300	74450	3.0
Lower Quartile	0	0	0	0	0	0	0	0	0	53850	58400	62200	65250	67550	69300	70500	71250	72050	65050	3.2
Lower Decile	0	0	0	0	0	0	0	0	0	49900	54000	57300	59850	61700	63050	63950	64500	65050	58050	3.4
Mean	0	0	0	0	0	0	0	0	0	61300	67000	71950	76050	79250	81700	83450	84650	85950	77750	3.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	72400	82050	84650	98100	108900	100650	104750	108250	117050	100400	
Upper Quartile	0	0	0	0	0	0	0	0	0	66050	74000	75500	82950	88550	87700	88500	91550	96250	86200	
Median	0	0	0	0	0	0	0	0	0	60950	67250	66650	73750	75950	77800	78550	82000	84200	74450	
Lower Quartile	0	0	0	0	0	0	0	0	0	56200	59100	58950	65500	66100	70700	71050	69900	73150	65050	
Lower Decile	0	0	0	0	0	0	0	0	0	49800	55600	54450	61200	60300	63650	65100	64050	64950	58050	
Mean	0	0	0	0	0	0	0	0	0	62250	67850	68850	77300	80250	80800	81450	83650	88150	77750	
Supporting Data																				
Total Number	0	1	0	6	2	5	4	7	8	50	84	79	120	124	142	95	99	134	961	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	1	3	8	19	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

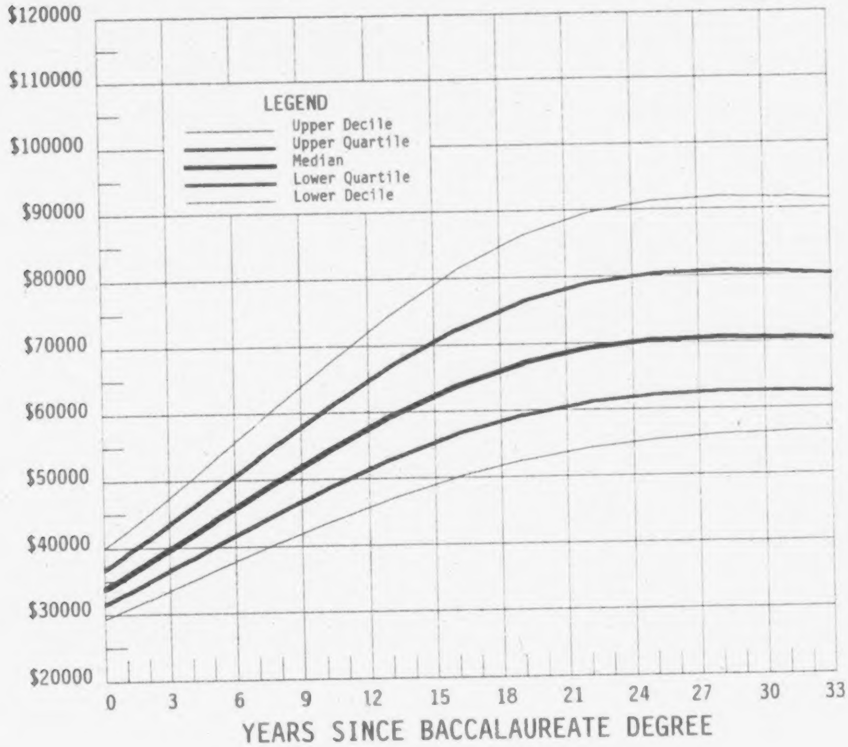
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	42750	44400	46100	47800	49450	51150	52850	54500	56200	59400	63950	68000	71500	74350	76600	78300	79550	81150	71650	2.2
Upper Quartile	39500	41000	42500	44000	45500	47000	48500	50000	51450	54300	58300	61900	64950	67450	69450	70950	72050	73500	63700	2.2
Median	37450	38650	39850	41100	42350	43600	44850	46100	47300	49750	53250	56450	59250	61550	63350	64700	65550	66400	55450	3.4
Lower Quartile	35200	36300	37400	38500	39650	40750	41850	42900	44000	46100	49000	51650	53900	55750	57200	58200	58900	59550	47300	3.4
Lower Decile	32950	33950	34950	36000	37000	37950	38900	39850	40800	42550	44950	47100	48900	50350	51450	52300	52850	53450	41050	3.2
Mean	38000	39300	40550	41800	43100	44400	45650	46900	48150	50600	54050	57150	59900	62200	64050	65400	66350	67300	56300	3.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	44000	48000	45850	46700	51050	52300	57200	58700	59100	64150	68350	70400	72850	77750	79450	81050	80650	71650	
Upper Quartile	0	41450	42850	43150	45100	46300	48050	49750	52550	54300	58750	62150	64700	66150	69700	71600	73400	73100	63700	
Median	0	38850	40300	40400	42350	42750	43450	45900	48150	49850	53900	56200	59500	60950	63450	64450	66150	66150	55450	
Lower Quartile	0	36700	38200	37950	39350	40300	40800	43100	44500	46250	49100	51550	54150	54900	57450	58850	60850	58600	47300	
Lower Decile	0	34000	35550	35350	37100	38350	38950	40400	41350	42050	44850	47400	48650	49650	52800	53750	53850	52200	41050	
Mean	0	39250	41100	40600	42400	44200	44850	47050	49350	50500	54400	57500	59550	61250	64400	66150	68050	66450	56300	
Supporting Data																				
Total Number	25	63	90	82	82	94	81	103	105	390	398	347	358	276	240	183	153	345	3416	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

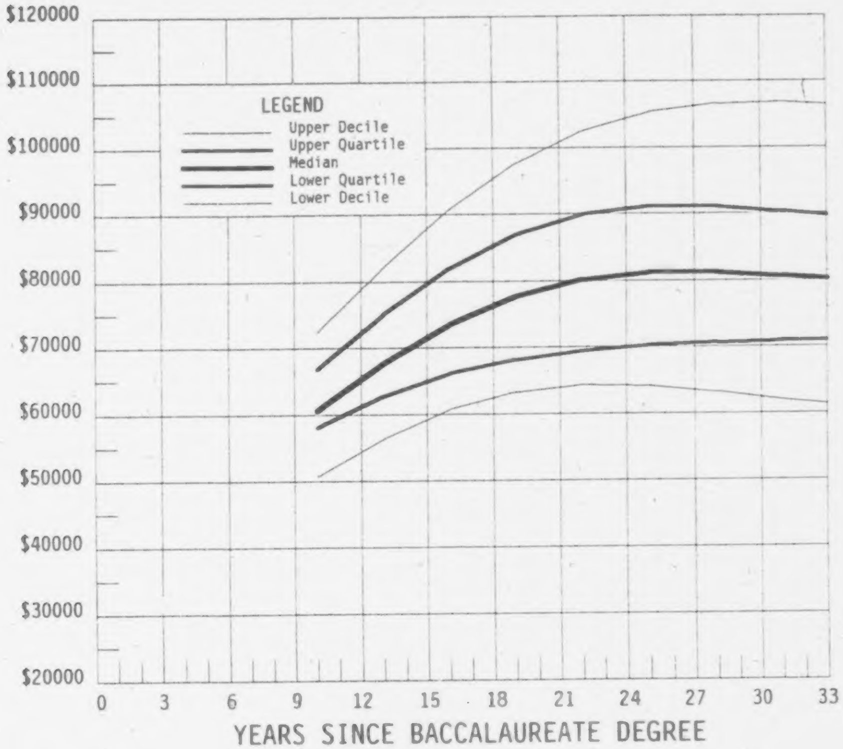
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39950	42400	44900	47500	50150	52900	55650	58450	61300	66850	74650	81250	86300	89600	91350	91950	91800	90450	82350	2.2
Upper Quartile	36800	38950	41150	43450	45850	48250	50650	53100	55550	60300	66900	72350	76400	79000	80350	80700	80450	79100	71150	2.2
Median	33900	35750	37700	39700	41700	43750	45850	47900	49950	53900	59350	63850	67150	69300	70450	70800	70650	69700	60500	2.2
Lower Quartile	31500	33150	34800	36500	38200	39950	41700	43400	45100	48400	52850	56550	59250	61100	62100	62550	62550	62000	49600	2.2
Lower Decile	29400	30750	32150	33550	34950	36400	37800	39200	40600	43300	46950	50050	52500	54250	55400	56100	56400	56500	40600	2.2
Mean	34500	36400	38350	40350	42350	44450	46500	48600	50700	54700	60300	65050	68650	71100	72550	73150	73250	72650	61550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39100	40850	45350	46000	52450	51550	55100	64050	64950	66900	74950	79000	83850	87750	90700	90400	94600	93200	82350	
Upper Quartile	35750	38550	40750	42450	46300	48150	51550	58000	58050	59650	67200	70550	73600	77150	82800	80300	85050	79050	71150	
Median	33700	35100	37500	38700	42050	43800	47450	50200	52050	52950	58850	63600	65950	69200	72200	69550	73550	69250	60500	
Lower Quartile	31700	32050	35150	36300	38050	40100	42150	44450	46700	48150	51900	56550	59200	60100	63350	63200	64500	61100	49600	
Lower Decile	28700	30300	32150	34100	35050	36550	38200	40450	41500	43150	46100	50450	51400	53950	55550	57700	56750	56200	40600	
Mean	34000	35750	38550	39700	42750	44250	47150	51300	52450	54300	59950	64150	67200	70400	74650	72500	75550	72400	61550	
Supporting Data																				
Total Number	507	653	909	1058	1050	1254	1282	1642	1551	5076	4734	3961	3644	3937	3440	2816	1863	3980	43357	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	2	9	19	81	13	18	47	190	
Less Than $22000	1	0	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	5	

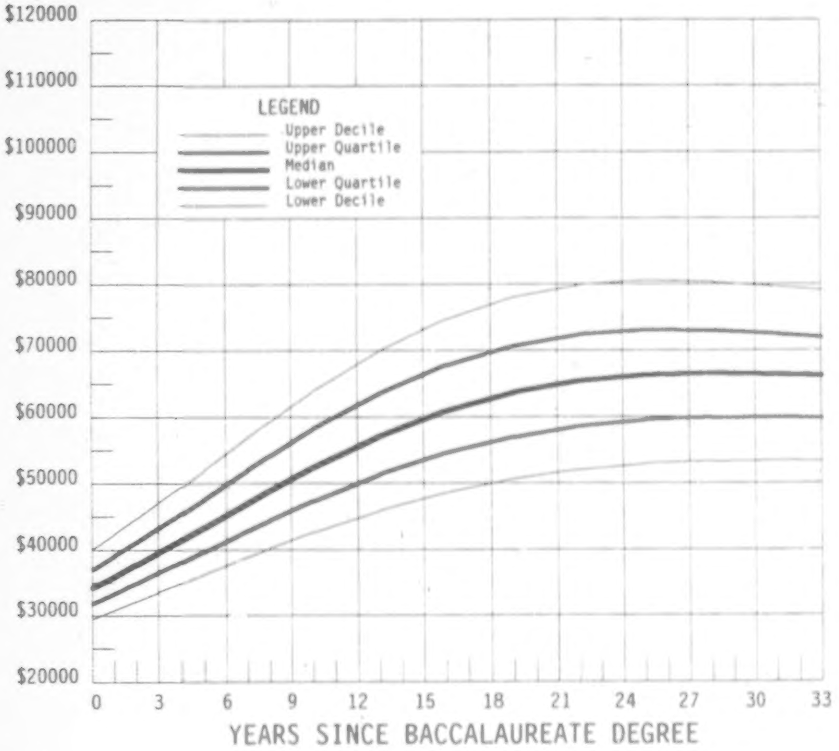
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	72350	82100	90750	97650	102500	105350	106650	106850	105550	97150	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	66800	75050	81950	86950	89900	91100	91050	90300	87850	84750	2.2
Median	0	0	0	0	0	0	0	0	0	60550	67650	73450	77650	80150	81200	81200	80600	78600	75300	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	58000	62750	66050	68150	69450	70250	70650	70850	70950	65450	4.8
Lower Decile	0	0	0	0	0	0	0	0	0	50750	56400	60650	63250	64300	64100	63200	61950	59300	58000	2.2
Mean	0	0	0	0	0	0	0	0	0	61250	68750	75000	79500	82300	83500	83550	83000	80900	77200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	67400	0	79800	83650	86300	92400	99800	108900	101400	104400	112300	97150	
Upper Quartile	0	0	0	0	0	0	0	66200	0	70450	78200	80200	81950	86400	89250	91450	91550	91850	84750	
Median	0	0	0	0	0	0	0	64250	0	61250	68350	72450	73800	78000	82850	80900	82350	79500	75300	
Lower Quartile	0	0	0	0	0	0	0	57650	0	56450	61200	65850	67850	70000	73700	72250	68600	69100	65450	
Lower Decile	0	0	0	0	0	0	0	54250	0	47750	57100	60750	62900	62300	65000	65350	62550	58650	58000	
Mean	0	0	0	0	0	0	0	61750	0	62200	69800	73650	76300	80350	85350	82900	82350	82900	77200	
Supporting Data																				
Total Number	1	7	8	17	16	42	108	249	105	766	1070	1068	1262	1432	1432	936	956	1351	10824	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	2	9	17	79	10	16	39	174	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

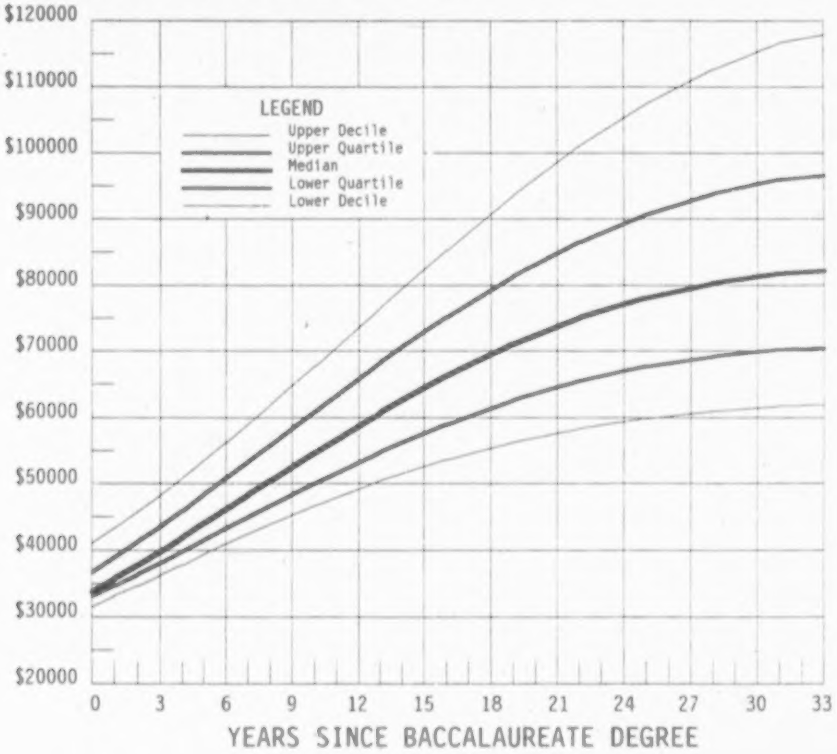
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	40100	42350	44700	47100	49500	51950	54400	56850	59250	63850	69950	74750	78050	79850	80500	80300	79650	77850	73150	2.2
Upper Quartile	37000	39050	41150	43250	45450	47600	49800	51950	54100	58150	63550	67800	70700	72400	73050	72950	72450	70950	65500	2.2
Median	34150	35900	37750	39600	41450	43350	45200	47050	48900	52400	57100	60900	63650	65400	66300	66550	66400	65500	55950	2.2
Lower Quartile	31750	33300	34900	36500	38100	39700	41250	42850	44400	47350	51300	54550	56950	58600	59500	59900	59950	59500	46700	2.2
Lower Decile	29550	30850	32200	33550	34900	36250	37600	38900	40700	42650	45900	48600	50650	52050	52900	53300	53450	53300	38600	2.2
Mean	34650	36450	38250	40100	42000	43850	45750	47600	49400	52900	57600	61350	64100	65850	66750	67000	66850	66050	56350	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	39100	40700	45050	45650	51750	50750	54750	59800	64550	63800	71100	71950	74850	75900	80950	81200	80400	80700	73150	
Upper Quartile	35750	38450	40650	42350	46150	47850	50850	55600	57000	57750	63150	66550	67550	71800	73800	72300	74450	72450	65500	
Median	33700	35050	37500	38600	41950	43600	46800	48550	51600	51900	56200	60900	62550	64450	66550	66200	68750	66150	55950	
Lower Quartile	31700	32000	35100	36300	38000	39950	41800	43550	46200	47700	50350	54600	55300	57500	60150	61250	60250	59800	46700	
Lower Decile	28700	30250	32150	34100	35000	36450	37900	39550	41250	43050	45150	47900	49100	51200	53950	55750	55350	52550	38600	
Mean	34000	35500	38300	39450	42500	43900	46500	49450	51900	52850	57050	60600	62350	64700	67050	67350	68400	66950	56350	
Supporting Data																				
Total Number	506	647	902	1041	1034	1213	1174	1393	1446	4310	3664	2893	2382	2505	2008	1880	907	2629	32532	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	4	2	7	16	
Less Than $22000	1	0	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	5	

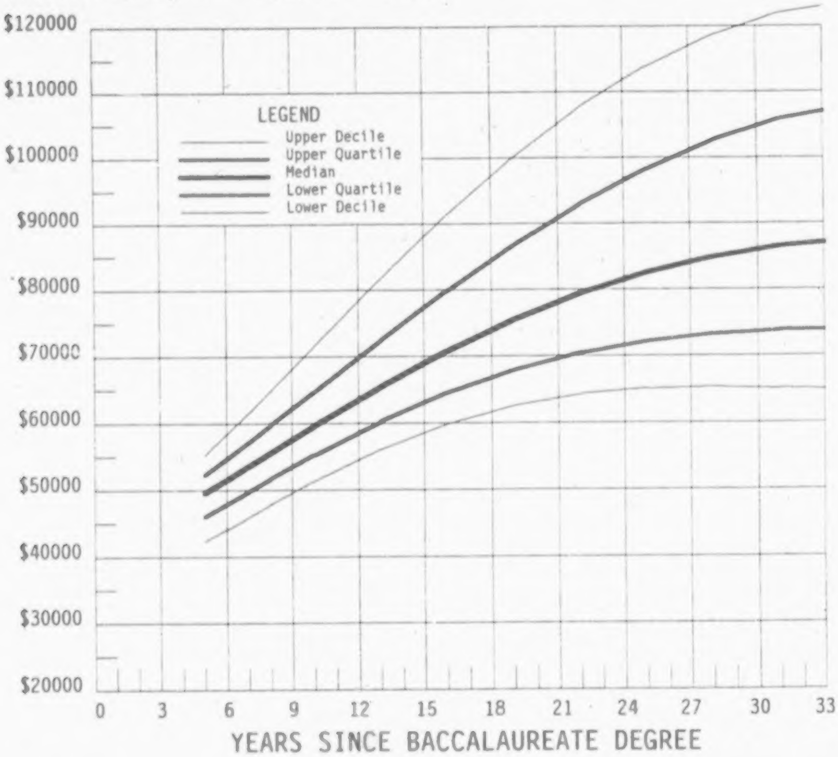
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41050	43350	45800	48300	50850	53500	56250	59050	61900	67700	76550	85300	93550	101050	107450	112700	116650	121550	89450	2.8
Upper Quartile	36800	38950	41250	43550	45950	48400	50850	53350	55850	60900	68300	75200	81350	86550	90700	93800	96000	98200	75400	3.2
Median	33800	35750	37750	39800	41900	44050	46150	48300	50450	54700	60750	66300	71100	75050	78100	80300	81750	83150	61750	3.4
Lower Quartile	33100	34750	36400	38100	39850	41550	43300	45000	46700	50050	54800	59000	62600	65500	67700	69200	70200	71050	48250	3.6
Lower Decile	31600	33200	34750	36300	37850	39400	40950	42450	43900	46650	50450	53650	56300	58350	59900	61000	61700	62350	39550	3.4
Mean	36150	38050	39950	41950	43950	46000	48050	50150	52200	56400	62500	68200	73300	77650	81150	83800	85650	87600	64150	3.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	48300	47000	45850	50100	54800	57200	62750	61700	66950	77300	83250	90700	106850	110150	111900	113850	118500	89450	
Upper Quartile	0	40250	43100	40600	46200	47650	48950	56900	55050	61400	70050	74400	81500	87600	89400	89800	95850	99750	75400	
Median	0	37400	37800	37800	42450	43650	44650	47000	50050	55750	62600	66100	71900	74800	77350	79200	77650	83550	61750	
Lower Quartile	0	36050	36700	36850	39150	41750	41900	42900	46100	51050	55900	59900	63500	65500	66350	67700	65350	72150	48250	
Lower Decile	0	34700	36000	36300	37100	39450	39600	41150	43400	46500	51100	54000	57400	58950	58850	59200	59950	62750	39550	
Mean	0	39900	40650	40200	44200	45700	47150	50050	51650	56850	63550	67800	73300	79150	80600	82250	82100	87900	64150	
Supporting Data																				
Total Number	26	47	168	174	131	148	103	84	123	393	316	322	385	371	211	170	102	176	3449	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	6	1	8	26	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

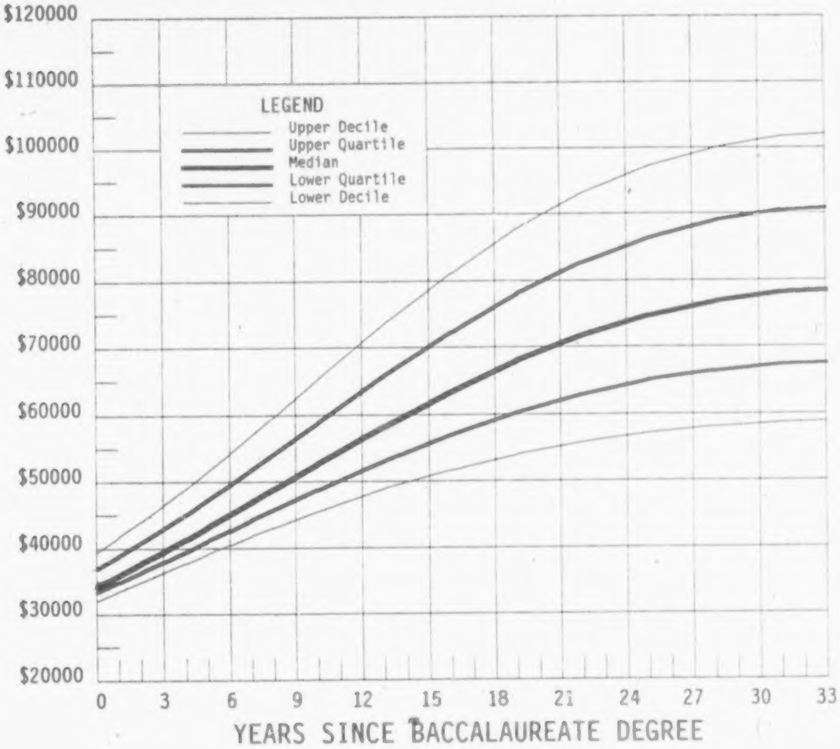
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	55200	58400	61600	64900	71600	81650	91300	100050	107650	113850	118600	122000	125850	107050	3.0
Upper Quartile	0	0	0	0	0	52250	54650	57150	59650	64700	72350	79800	86700	92900	98200	102500	105850	110550	86100	2.4
Median	0	0	0	0	0	49550	51550	53600	55600	59600	65400	70750	75450	79350	82450	84800	86450	88600	71800	2.2
Lower Quartile	0	0	0	0	0	46050	47950	49800	51650	55250	60200	64500	67900	70450	72200	73250	73800	74050	62500	2.2
Lower Decile	0	0	0	0	0	42300	44150	46000	47850	51350	56050	59850	62600	64300	65150	65350	65150	64250	57150	2.2
Mean	0	0	0	0	0	50050	52250	54450	56700	61200	67700	73650	78900	83150	86450	88850	90450	92350	76800	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	69000	63600	63200	68150	68600	73150	92250	97350	115000	116450	117200	119100	119950	107050	
Upper Quartile	0	0	0	0	0	64750	57100	61300	60800	63500	72050	76600	85300	96050	99650	102000	110250	107400	86100	
Median	0	0	0	0	0	57050	50050	58100	56800	59500	65650	70050	74250	78450	82400	84000	95100	88300	71800	
Lower Quartile	0	0	0	0	0	46600	46700	49250	52400	56800	61400	63000	67350	68600	72150	75300	76000	74850	62500	
Lower Decile	0	0	0	0	0	44300	44700	46800	48600	54050	56800	58800	60650	62200	64050	69150	63400	68150	57150	
Mean	0	0	0	0	0	56200	53350	56450	58250	61250	67400	72350	77150	84000	86850	89350	92750	92250	76800	
Supporting Data																				
Total Number	0	2	3	8	4	14	12	15	34	113	106	120	156	175	97	74	44	69	1049	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	2	0	3	11	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

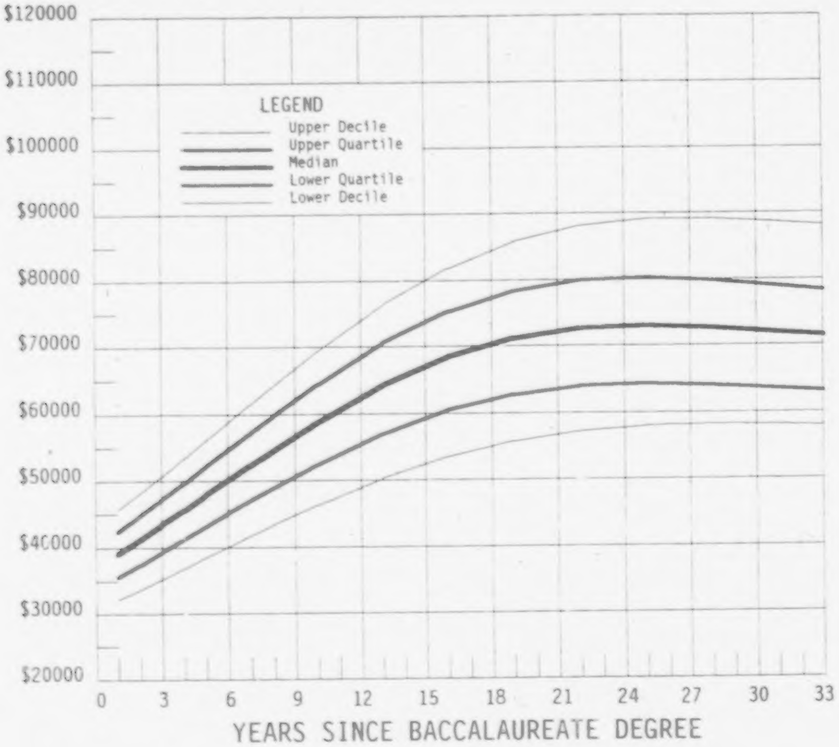
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, CHICAGO METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39450	41700	44050	46500	49000	51600	54250	56950	59700	65250	73500	81150	87850	93200	97200	99950	101650	103200	82950	2.2
Upper Quartile	36900	38850	40900	42950	45100	47300	49550	51850	54150	58800	65750	72250	78000	82750	86350	88900	90450	91750	69700	3.8
Median	34250	35950	37700	39450	41300	43150	45050	46900	48850	52650	58200	63400	67950	71700	74650	76750	78100	79250	55300	3.6
Lower Quartile	33400	34900	36400	37950	39500	41100	42650	44200	45750	48800	53100	57000	60300	62950	65000	66400	67300	68100	43600	3.6
Lower Decile	32050	33500	34900	36350	37750	39150	40500	41800	43100	45550	48900	51700	54000	55800	57150	58100	58700	59300	37700	3.4
Mean	35700	37450	39250	41050	42950	44800	46750	48650	50600	54400	60050	65250	69900	73800	76900	79200	80700	82150	58650	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	43500	42900	46550	43600	49400	49750	54700	62250	55800	66000	76850	81750	86750	92850	94150	94200	89850	116400	82950	
Upper Quartile	37750	39600	42850	40200	45800	46700	47650	53850	51650	59550	68550	72000	80100	83600	84100	84750	82450	92750	69700	
Median	36850	37250	37750	37700	42250	43300	43900	45450	48250	53150	59900	63400	69900	72300	73450	72900	71350	80550	55300	
Lower Quartile	35700	36000	36650	36850	39000	41600	41600	42400	45050	50000	53650	57500	61850	62750	62500	63650	62500	71200	43600	
Lower Decile	29900	34700	36000	36300	37100	39150	39300	40900	42700	45300	50200	51600	54950	56500	55250	56900	57800	59650	37700	
Mean	37650	38550	40100	39200	43200	44600	46300	48700	49100	55050	61550	65100	70650	74750	75200	76750	73950	85050	58650	
Supporting Data																				
Total Number	26	45	165	166	127	133	90	69	89	279	209	203	228	196	114	96	58	107	2400	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4	1	6	14	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

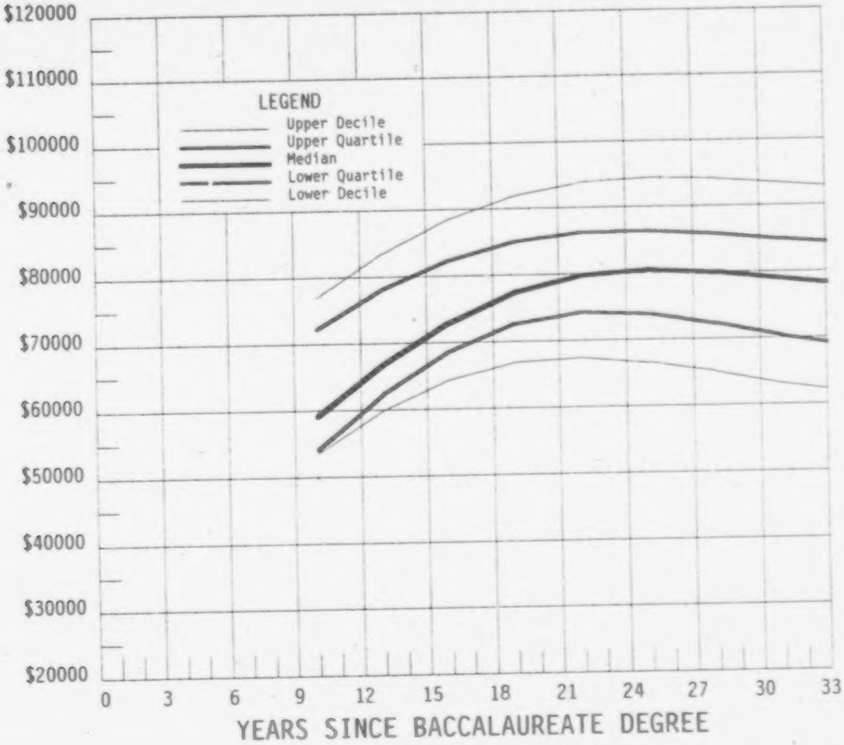
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	45600	48150	50750	53450	56100	58800	61500	64200	69350	76300	81850	85800	88150	89150	89150	88600	86800	82950	2.2
Upper Quartile	0	42350	44750	47200	49650	52200	54700	57200	59650	64350	70500	75250	78350	79950	80300	79850	78950	76750	73450	2.2
Median	0	39050	41200	43400	45600	47850	50100	52350	54500	58700	64200	68400	71200	72650	73000	72650	71950	70100	64450	2.2
Lower Quartile	0	35500	37400	39300	41250	43150	45100	47000	48850	52350	56950	60450	62750	63950	64250	64000	63450	61900	54000	2.2
Lower Decile	0	32100	33650	35250	36900	38500	40100	41700	43300	46300	50250	53500	55800	57250	58000	58200	58100	57400	44400	2.2
Mean	0	39350	41450	43550	45700	47850	50000	52150	54250	58300	63650	67950	70900	72700	73450	73500	73100	71750	64100	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	43250	47400	50250	55200	55150	58250	63200	65900	70950	76500	81050	83950	87500	84450	89200	95550	88800	82950	
Upper Quartile	0	40350	40850	47950	53700	51850	54350	58500	61150	67000	70350	72250	75100	75400	81000	83350	88000	75750	73450	
Median	0	39050	39500	42950	46550	47650	49900	53050	56050	60050	63200	66000	70250	72250	73400	74950	78700	67850	64450	
Lower Quartile	0	34250	38150	38350	44400	41800	44450	47350	49700	51050	57050	59150	63800	64700	64950	66500	66650	59350	54000	
Lower Decile	0	30450	34900	33750	39250	36100	41200	42150	44850	45100	50600	54050	55500	56200	57650	60050	60900	56450	44400	
Mean	0	38000	40900	43100	47650	46900	49650	52950	55300	58850	63700	66600	69950	71550	72800	75850	78800	70500	64100	
Supporting Data																				
Total Number	30	131	153	89	258	162	173	199	239	806	696	682	493	603	759	340	307	616	6735	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	3	13	
Less Than $22000	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	

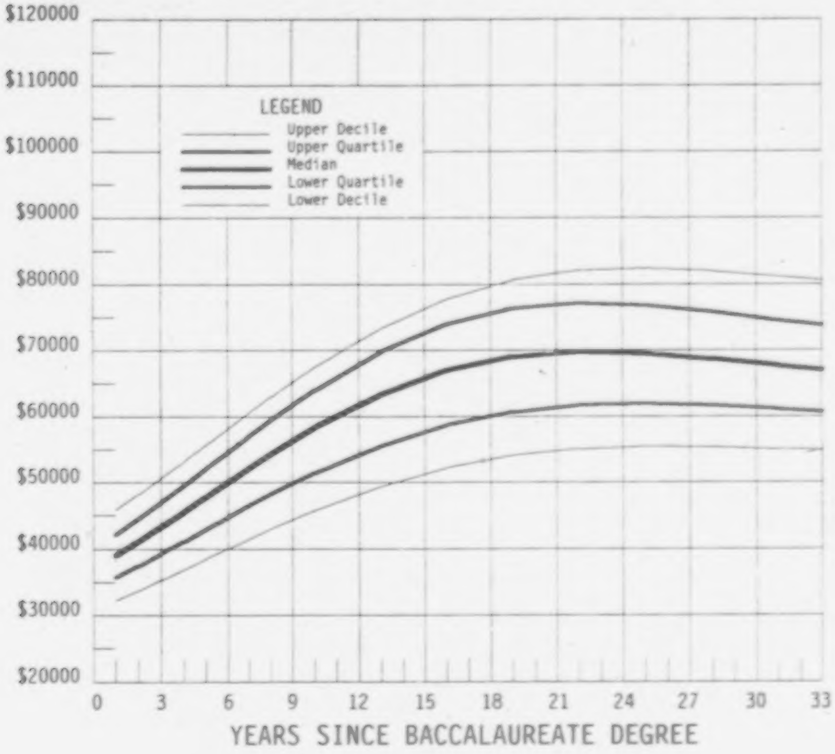
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	76850	83450	88550	91950	93800	94400	94150	93450	91450	91550	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	72250	78050	82350	85000	86250	86350	85800	84850	82600	85050	2.2
Median	0	0	0	0	0	0	0	0	0	58950	66650	72950	77350	79750	80450	80000	78900	76050	76050	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	54050	62150	68600	72700	74250	73900	72350	70350	66100	67550	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	53550	59850	64400	66850	67400	66550	65000	63150	59550	59400	2.2
Mean	0	0	0	0	0	0	0	0	0	62700	69950	75650	79300	81050	81250	80450	79150	76100	76950	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	77600	83350	89550	88300	98550	92650	94150	96550	90400	91550	
Upper Quartile	0	0	0	0	0	0	0	0	0	73650	77600	84250	80750	90000	84350	88050	89150	81000	85050	
Median	0	0	0	0	0	0	0	0	0	65700	61900	78250	74600	81700	78650	81150	86300	73600	76050	
Lower Quartile	0	0	0	0	0	0	0	0	0	61750	58000	68700	72250	73300	76500	71350	77550	63650	67550	
Lower Decile	0	0	0	0	0	0	0	0	0	60100	56700	64150	66050	66100	69450	66300	66900	57800	59400	
Mean	0	0	0	0	0	0	0	0	0	67200	67400	77650	76350	82550	81000	81850	84850	74000	76950	
Supporting Data																				
Total Number	0	2	2	0	0	1	3	0	9	56	167	124	182	141	165	102	179	327	1462	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	9	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

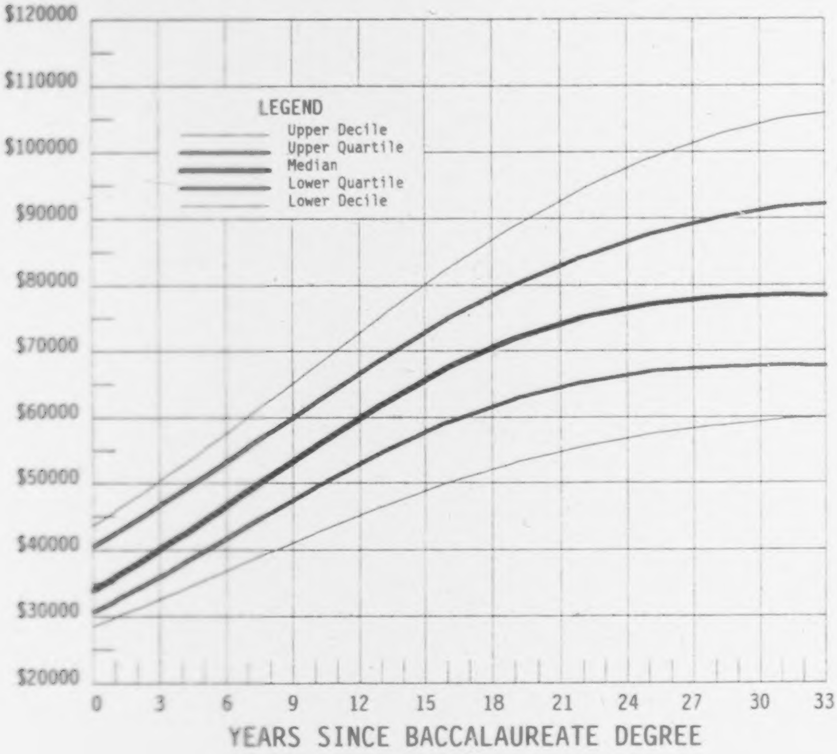
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NEW YORK CITY METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	45800	48250	50700	53200	55700	58150	60600	63000	67500	73350	77800	80650	82100	82400	82000	81200	79150	75500	2.2
Upper Quartile	0	42100	44500	47000	49500	52050	54550	57050	59450	64000	69800	73950	76350	77150	76800	75800	74450	71650	69450	2.2
Median	0	38950	41150	43350	45550	47800	50050	52200	54350	58350	63350	67000	69050	69800	69550	68700	67650	65250	60750	2.2
Lower Quartile	0	35700	37500	39300	41150	42950	44750	46550	48250	51450	55600	58700	60700	61700	61950	61650	61100	59650	50900	2.2
Lower Decile	0	32200	33750	35350	36900	38500	40050	41550	43050	45800	49450	52200	54100	55100	55500	55400	55100	54100	42400	2.2
Mean	0	39350	41400	43450	45550	47650	49750	51800	53800	57550	62400	66050	68400	69600	69850	69450	68800	67050	60550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	42700	46650	50250	55150	55000	58200	63150	64950	70500	73700	74450	76350	75550	83600	84550	90100	81800	75500	
Upper Quartile	0	40250	40800	47950	53650	51800	54350	58450	60450	66500	69200	69250	71750	73950	80600	82150	73950	70850	69450	
Median	0	39000	39500	42950	46500	47600	50000	53000	55500	59050	63350	64900	66550	70200	69950	72600	67250	64500	60750	
Lower Quartile	0	33550	38150	38350	44400	41750	44600	47350	49350	50400	55750	58100	58900	62550	62650	64850	61150	57850	50900	
Lower Decile	0	30450	34850	33750	39250	36100	41400	42150	44700	44950	49150	52600	52450	54000	56950	57500	55500	52800	42400	
Mean	0	37950	40350	43100	47600	46800	49750	52900	54800	58200	62550	64150	66150	68200	70550	73250	70300	66550	60550	
Supporting Data																				
Total Number	30	129	151	89	257	161	170	199	230	751	529	557	311	461	594	238	127	289	5273	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	4	
Less Than $22000	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	

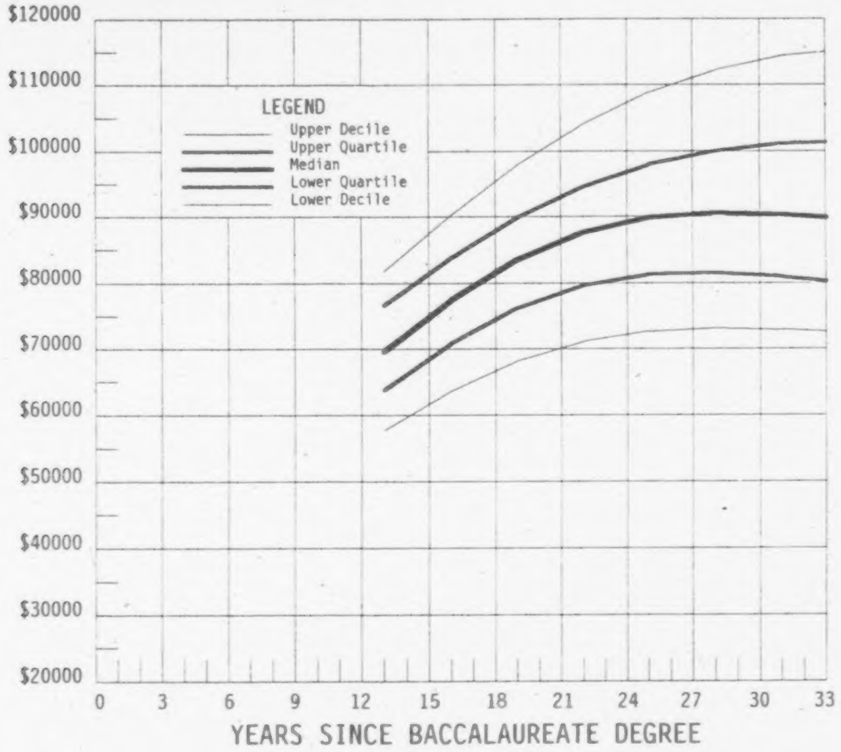
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, SAN FRANCISCO BAY AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SAN FRANCISCO BAY AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43650	45800	48050	50350	52700	55150	57600	60100	62650	67750	75300	82450	88950	94500	99000	102500	105050	108350	92300	2.2
Upper Quartile	40450	42450	44500	46650	48800	51000	53250	55500	57750	62250	68800	74850	80050	84350	87650	90050	91700	93550	79200	2.2
Median	34000	35950	37950	40050	42200	44400	46600	48850	51150	55600	61950	67500	71900	75100	77050	78100	78450	78100	66300	2.2
Lower Quartile	30700	32400	34200	36000	37900	39800	41700	43650	45550	49350	54650	59250	62800	65300	66850	67550	67800	67400	53600	2.2
Lower Decile	28600	29900	31250	32650	34000	35450	36850	38300	39700	42500	46450	50050	53100	55550	57400	58750	59650	60650	42400	2.2
Mean	35450	37300	39200	41150	43200	45250	47300	49400	51500	55700	61700	67150	71750	75350	77950	79700	80750	81650	67550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	43750	43800	49550	51400	49750	51400	63350	57750	70150	68150	75850	80450	89600	97000	94100	99900	109600	109250	92300	
Upper Quartile	41900	42500	47250	42050	46200	47900	53200	54650	66350	62350	70150	72400	81250	86250	86900	90200	92250	92600	79200	
Median	33150	38100	38400	39150	41000	42900	46800	50300	54500	56000	63400	64800	72750	75900	73050	77250	81100	79050	66300	
Lower Quartile	29900	33350	35700	34450	36000	38500	41200	45250	49450	50350	56550	57100	63150	64150	62550	67150	69550	69400	53600	
Lower Decile	28150	32150	29950	32900	33200	35000	38700	38600	42700	41250	47650	46950	57450	55900	53550	60850	60800	60400	42400	
Mean	35200	39150	39750	39950	41550	43200	47900	49850	56050	55650	63200	64700	72700	76550	74750	79400	83200	81700	67550	
Supporting Data																				
Total Number	13	13	21	15	18	33	37	40	19	103	122	103	96	97	110	98	98	135	1172	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	4	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

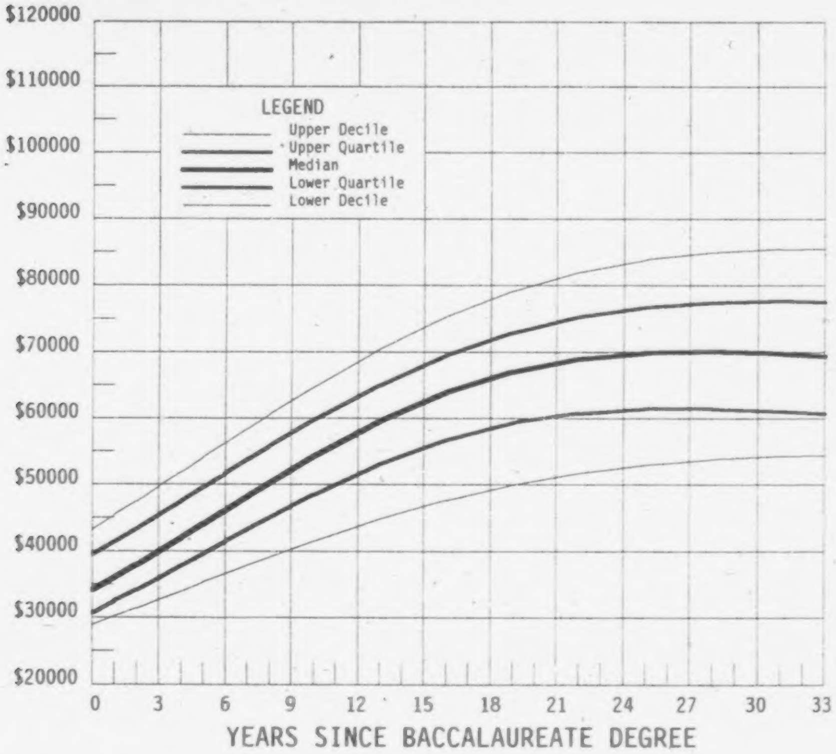
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, SAN FRANCISCO BAY AREA
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SAN FRANCISCO BAY AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	0	81800	90350	97900	104100	108850	112200	114400	116700	109500	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	0	76650	83850	89900	94600	97900	100000	101150	101900	93900	2.2
Median	0	0	0	0	0	0	0	0	0	0	69650	77450	83550	87650	89900	90600	90350	88500	85450	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	0	63800	70850	76250	79650	81250	81500	80900	78650	75500	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	0	57750	63650	68200	71150	72700	73200	72950	71450	66950	2.2
Mean	0	0	0	0	0	0	0	0	0	0	70400	77800	83800	88150	90800	92050	92400	91600	86500	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	0	86800	88600	93550	110300	98550	113400	119800	116750	109500	
Upper Quartile	0	0	0	0	0	0	0	0	0	0	78350	86050	89200	94650	93600	97600	103500	103450	93900	
Median	0	0	0	0	0	0	0	0	0	0	73600	76900	82350	86800	88850	87950	89300	91200	85450	
Lower Quartile	0	0	0	0	0	0	0	0	0	0	67900	71300	74300	79900	78050	78150	82250	80800	75500	
Lower Decile	0	0	0	0	0	0	0	0	0	0	65200	62800	62650	75050	67900	70150	74450	73950	66950	
Mean	0	0	0	0	0	0	0	0	0	0	74900	77200	81150	89000	87500	89400	94650	93200	86500	
Supporting Data																				
Total Number	0	0	0	0	0	1	3	0	1	9	30	25	41	43	42	48	48	68	359	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	4	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

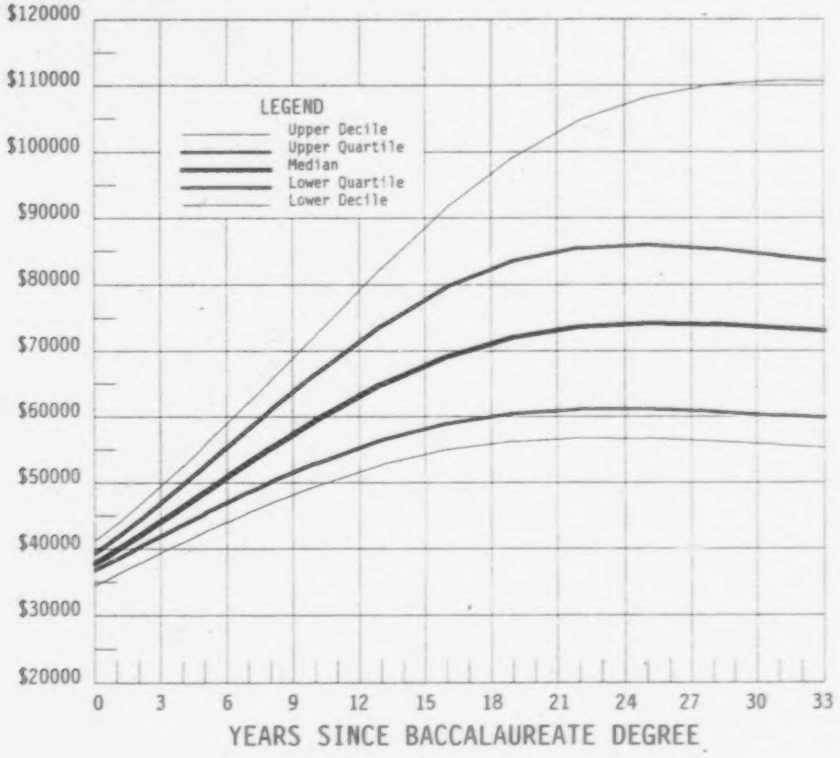
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, SAN FRANCISCO BAY AREA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SAN FRANCISCO BAY AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	43350	45450	47550	49700	51900	54050	56250	58400	60550	64700	70450	75350	79200	82000	83850	84950	85500	85650	77200	2.2
Upper Quartile	39450	41400	43400	45450	47500	49600	51650	53750	55750	59700	65050	69550	72950	75300	76750	77450	77700	77350	69350	2.2
Median	34100	36000	37950	39950	42000	44050	46150	48200	50250	54250	59600	63950	67100	69000	69900	70100	69800	68600	59650	2.2
Lower Quartile	30750	32450	34200	35950	37800	39600	41450	43250	45050	48500	53100	56750	59300	60800	61450	61450	61100	59950	48550	2.2
Lower Decile	28950	30200	31450	32750	34000	35300	36600	37850	39100	41500	44850	47700	50000	51750	53000	53800	54300	54700	39800	2.2
Mean	35600	37350	39200	41050	42900	44800	46650	48500	50350	53900	58750	62750	65800	67900	69150	69750	69900	69550	59200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	43750	43800	49200	51400	49750	51050	55050	57750	70050	67150	70750	72300	77350	81500	83050	86200	90700	83950	77200	
Upper Quartile	41900	42500	41000	42050	46200	47450	51300	54650	66000	60350	65800	68000	73600	74650	74450	76650	80400	77750	69350	
Median	33150	38100	38300	39150	41000	42750	44550	50300	54350	54950	60950	61700	67850	67100	67200	70550	70950	70250	59650	
Lower Quartile	29900	33350	35500	34450	36000	38250	40900	45250	48450	49600	54050	54150	61000	58800	57500	62950	62600	61650	48550	
Lower Decile	28150	32150	29900	32900	33200	34900	38550	38600	42550	40750	45800	45650	53000	49000	51350	54250	56200	55300	39800	
Mean	35200	39150	39200	39950	41550	42850	46300	49850	55700	54650	59500	60600	66450	66700	67000	69950	72400	70050	59200	
Supporting Data																				
Total Number	13	13	21	15	18	32	34	40	17	94	93	77	55	54	68	51	51	67	813	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

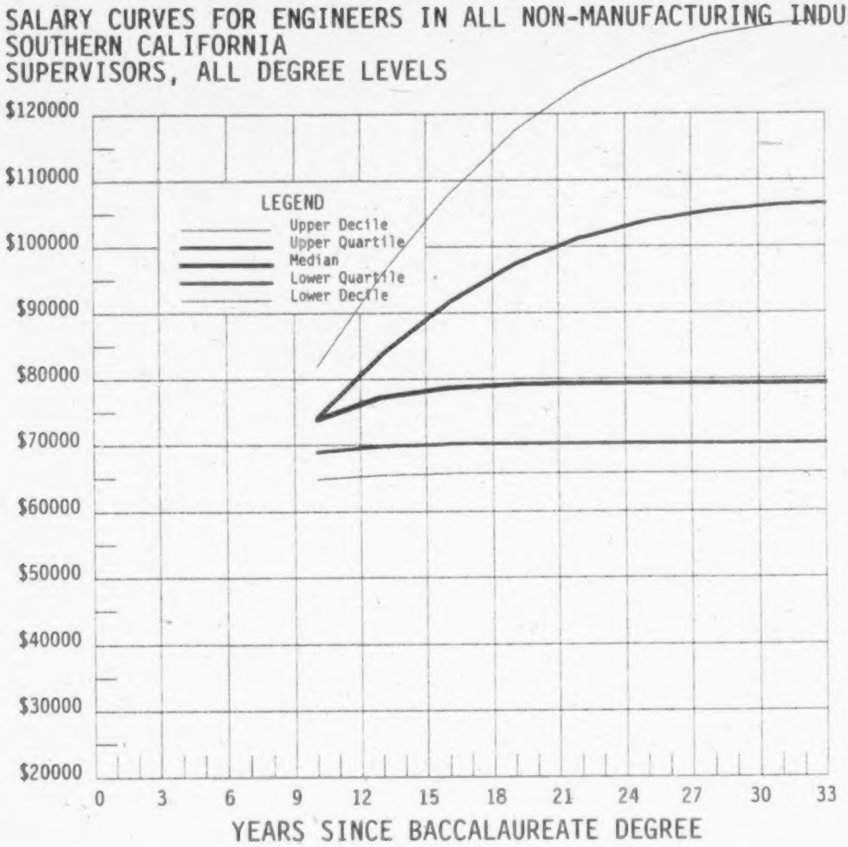
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	41200	43800	46600	49500	52500	55650	58900	62200	65550	72400	82450	91600	99200	104750	108250	110100	110750	110100	89550	2.2
Upper Quartile	39250	41750	44300	46950	49700	52500	55350	58150	61000	66450	73850	79650	83550	85500	86000	85400	84300	81550	76750	2.2
Median	37700	39800	41950	44150	46350	48600	50850	53050	55250	59400	64950	69200	72100	73700	74250	74100	73500	71800	65100	2.2
Lower Quartile	36750	38450	40200	41950	43650	45350	47000	48600	50150	52950	56450	58950	60450	61100	61150	60750	60150	58800	53650	2.2
Lower Decile	34500	36100	37750	39350	40950	42550	44050	45550	46950	49550	52750	55000	56250	56750	56700	56250	55650	54300	46200	2.2
Mean	37800	40000	42200	44500	46850	49250	51650	54000	56350	60900	67050	72000	75450	77450	78300	78300	77800	76150	68200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40100	45650	46250	0	53900	54500	82900	67200	74700	77750	78200	84700	87450	98700	140900	87900	132800	114600	89550	
Upper Quartile	38750	43600	45100	0	47750	52750	52900	66000	67950	70900	73400	78900	78950	79300	90000	73250	75100	98100	76750	
Median	35500	40600	40250	0	45900	51500	50200	64050	66550	59200	63000	68800	66650	68700	85700	65250	72750	75950	65100	
Lower Quartile	34750	39300	38400	0	44550	50250	47100	51050	65200	55650	49350	64200	60900	56100	71450	60800	48800	59950	53650	
Lower Decile	34300	38500	35000	0	35400	48500	45250	46100	64350	53650	47050	61200	54250	54250	61700	54450	47700	56900	46200	
Mean	36500	41450	41000	0	45700	51500	56800	58300	68050	62650	63400	72050	73500	71000	91400	68900	73700	80850	68200	
Supporting Data																				
Total Number	27	47	46	18	64	46	38	64	45	183	334	215	138	134	222	156	77	166	2021	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	9	0	33	0	9	0	51	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

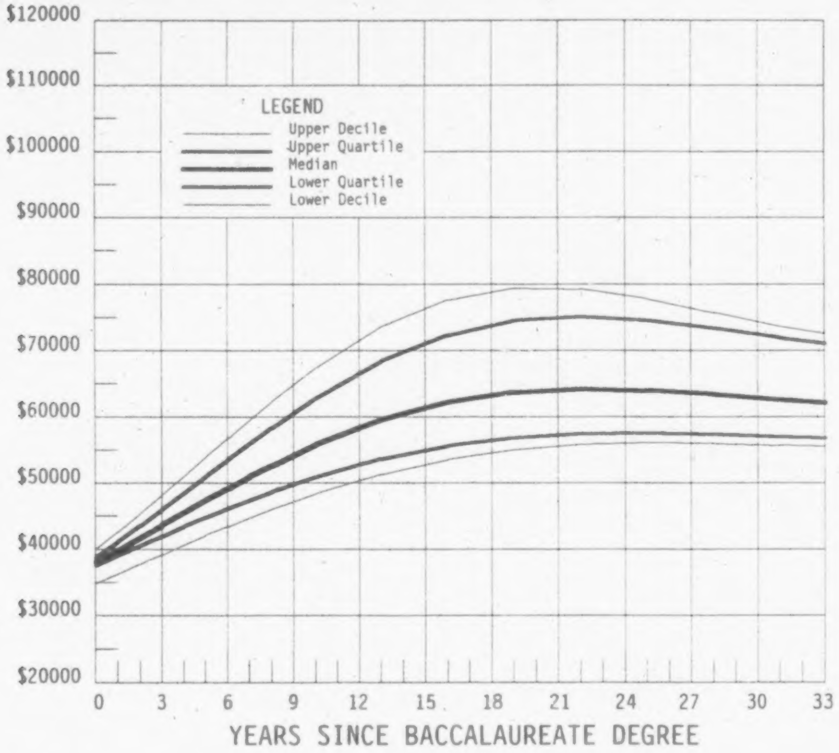
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	81800	95900	107950	117450	124300	129000	131950	133700	135100	119550	3.8
Upper Quartile	0	0	0	0	0	0	0	0	0	74050	83850	91600	97300	101300	103850	105450	106350	107000	94250	4.0
Median	0	0	0	0	0	0	0	0	0	73800	77300	78700	79150	79250	79250	79250	79250	79250	80050	5.4
Lower Quartile	0	0	0	0	0	0	0	0	0	69000	69900	70150	70200	70200	70200	70200	70200	70200	68300	15.0
Lower Decile	0	0	0	0	0	0	0	0	0	64950	65550	65700	65750	65750	65750	65750	65750	65750	61350	15.0
Mean	0	0	0	0	0	0	0	0	0	78400	84200	85750	86150	86200	86200	86200	86200	86200	85300	15.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	67600	0	79400	102500	97950	165000	107650	146500	114500	150600	120000	119550	
Upper Quartile	0	0	0	0	0	0	0	67000	0	78450	79000	84300	150000	96350	109750	88100	107750	112500	94250	
Median	0	0	0	0	0	0	0	56000	0	76900	73000	78600	125000	73850	87100	74750	49050	100000	80050	
Lower Quartile	0	0	0	0	0	0	0	65000	0	73550	65650	66750	82500	58250	82100	73350	48050	82850	68300	
Lower Decile	0	0	0	0	0	0	0	64400	0	62200	63600	65100	81000	56900	70300	72550	47400	81150	61350	
Mean	0	0	0	0	0	0	0	66000	0	74400	76800	79100	116250	76600	97600	83600	73500	98200	85300	
Supporting Data																				
Total Number	0	0	0	0	0	0	9	33	9	51	82	89	18	74	186	45	45	74	714	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	9	0	33	0	9	0	51	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

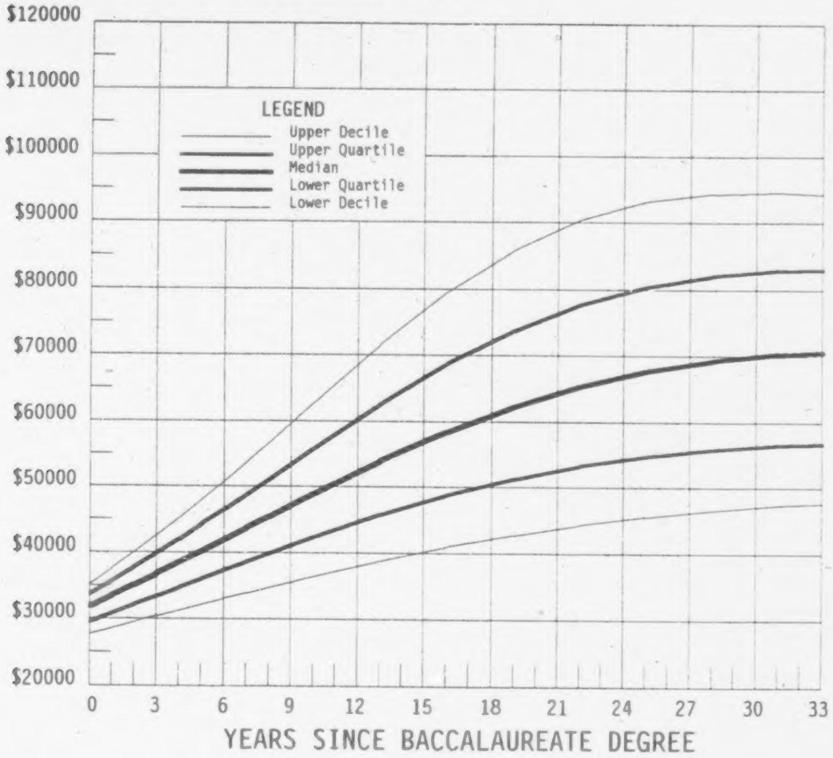
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SOUTHERN CALIFORNIA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40000	42650	45350	48150	51000	53850	56700	59500	62250	67350	73600	77650	79400	79250	77800	75800	73650	69550	75100	2.2
Upper Quartile	38800	41100	43550	46000	48450	50950	53450	55900	58300	62800	68400	72350	74500	75100	74550	73400	71950	69000	67150	2.2
Median	37900	39800	41700	43600	45500	47350	49150	50950	52600	55750	59550	62200	63700	64200	64000	63400	62600	60850	57300	2.2
Lower Quartile	37500	39000	40500	41950	43400	44800	46150	47400	48650	50900	53650	55600	56800	57400	57500	57300	56950	56050	49450	2.2
Lower Decile	34800	36250	37750	39200	40650	42050	43450	44750	46050	48400	51350	53550	55000	55800	56050	55950	55700	54900	44500	2.2
Mean	37900	39850	41850	43850	45900	47900	49850	51800	53650	57100	61400	64500	66300	67000	66900	66300	65500	63600	58850	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40100	45650	46250	46400	53900	54500	52200	52950	67750	66850	75700	75550	79600	81700	78400	67350	75600	75950	75100	
Upper Quartile	38750	43600	45100	45500	47750	52750	50950	52250	67100	59800	70350	71650	76950	73450	76000	65750	75000	74250	67150	
Median	35500	40600	40250	44000	45900	51500	48750	51050	66000	57200	55550	66600	65750	55750	60000	62850	74000	61900	57300	
Lower Quartile	34750	39300	38400	39500	44550	50250	46350	46600	64900	54700	48400	62150	55750	54400	50000	55550	73000	57700	49450	
Lower Decile	34300	38500	35000	38600	35400	48500	44950	45050	64250	53300	46300	60350	54100	53550	48200	54000	72400	56000	44500	
Mean	36500	41450	41000	42500	45700	51500	48650	50350	66500	58100	59000	67050	66950	64100	60000	63000	74000	67000	58850	
Supporting Data																				
Total Number	27	47	46	18	64	46	29	32	36	132	251	126	120	60	37	111	33	92	1307	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

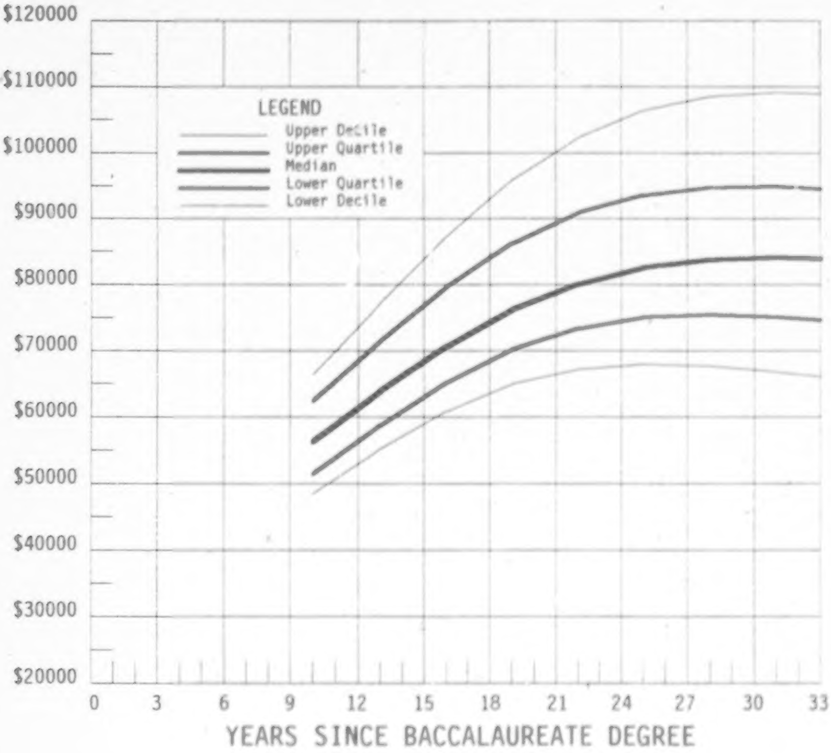
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	35250	37550	40000	42550	45200	47950	50800	53700	56650	62700	71500	79450	85850	90400	93150	94400	94600	93450	80000	2.2
Upper Quartile	33700	35650	37700	39800	41950	44200	46450	48750	51050	55750	62500	68650	73750	77700	80400	82050	82900	83300	64500	2.2
Median	31900	33450	35100	36750	38450	40150	41900	43650	45400	48900	53900	58400	62250	65350	67650	69250	70300	71400	51150	2.2
Lower Quartile	29600	30850	32100	33400	34700	36000	37300	38550	39800	42300	45750	48750	51250	53250	54750	55800	56500	57250	41000	2.2
Lower Decile	27750	28650	29550	30450	31300	32200	33100	33950	34800	36450	38800	40900	42750	44300	45600	46600	47400	48500	34700	2.2
Mean	31850	33500	35150	36900	38650	40450	42300	44150	45950	49600	54850	59500	63450	66500	68750	70200	71100	71900	54650	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33750	37000	39400	42550	46200	48700	52550	55200	55450	63600	71050	78750	81000	89800	92500	93450	96750	97350	80000	
Upper Quartile	32850	34600	36900	40100	41300	45500	47300	49650	52700	56350	62750	68850	69350	76500	75450	82050	86450	89250	64500	
Median	30650	32800	35150	37750	38750	40550	40600	44350	47450	49100	54700	56850	64450	62050	62450	69450	68500	77550	51150	
Lower Quartile	27450	30550	32650	34050	35000	37500	36350	41300	39300	42200	45750	46500	53750	48850	56500	55200	54250	59450	41000	
Lower Decile	25550	28550	28750	32500	32000	33050	32950	35500	35150	36400	38150	39350	44150	42350	46150	47350	47350	49200	34700	
Mean	30100	33000	35500	37350	38900	41100	42550	45850	46100	49750	55100	58500	62900	63650	66900	70350	71100	75700	54650	
Supporting Data																				
Total Number	56	82	89	94	133	172	165	166	168	492	396	323	295	203	261	155	102	245	3597	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	3	7	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

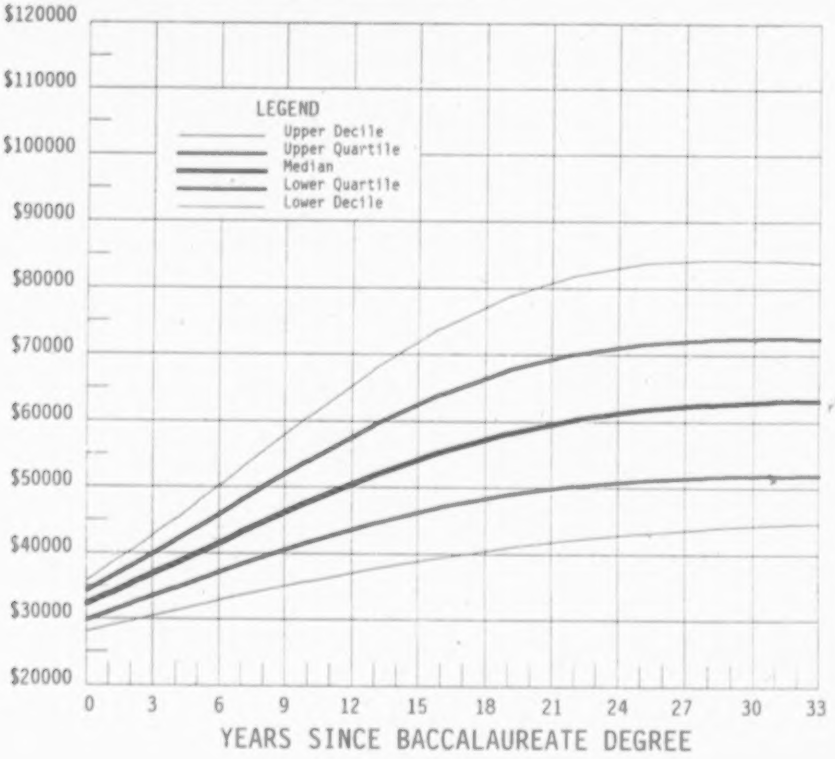
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	66450	77200	87300	95850	102250	106400	108500	109150	108200	98500	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	62450	71500	79600	86200	90850	93600	94800	94950	93650	87200	2.2
Median	0	0	0	0	0	0	0	0	0	56350	63850	70650	76100	80050	82500	83700	84050	83350	75350	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	51400	58750	65200	70150	73400	75050	75450	75100	73350	66050	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	48450	55200	60850	64900	67200	68000	67700	66800	64400	60100	2.2
Mean	0	0	0	0	0	0	0	0	0	56750	65000	72400	78400	82650	85200	86300	86400	85200	78000	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	73100	85500	88800	85700	103150	116900	99450	116600	113300	98500	
Upper Quartile	0	0	0	0	0	0	0	0	0	69000	78600	82350	76500	92400	99700	89900	103950	96600	87200	
Median	0	0	0	0	0	0	0	0	0	63850	66900	75150	67000	82600	88200	81750	90100	85000	75350	
Lower Quartile	0	0	0	0	0	0	0	0	0	53550	61500	69650	65250	72050	76100	73100	77150	75750	66050	
Lower Decile	0	0	0	0	0	0	0	0	0	50300	56100	64500	64150	65550	63500	62400	65550	69400	60100	
Mean	0	0	0	0	0	0	0	0	0	61450	69250	75900	71000	83400	88950	83550	88850	88100	78000	
Supporting Data																				
Total Number	0	0	0	1	1	2	2	2	8	32	48	64	122	44	55	57	26	83	546	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	3	7	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

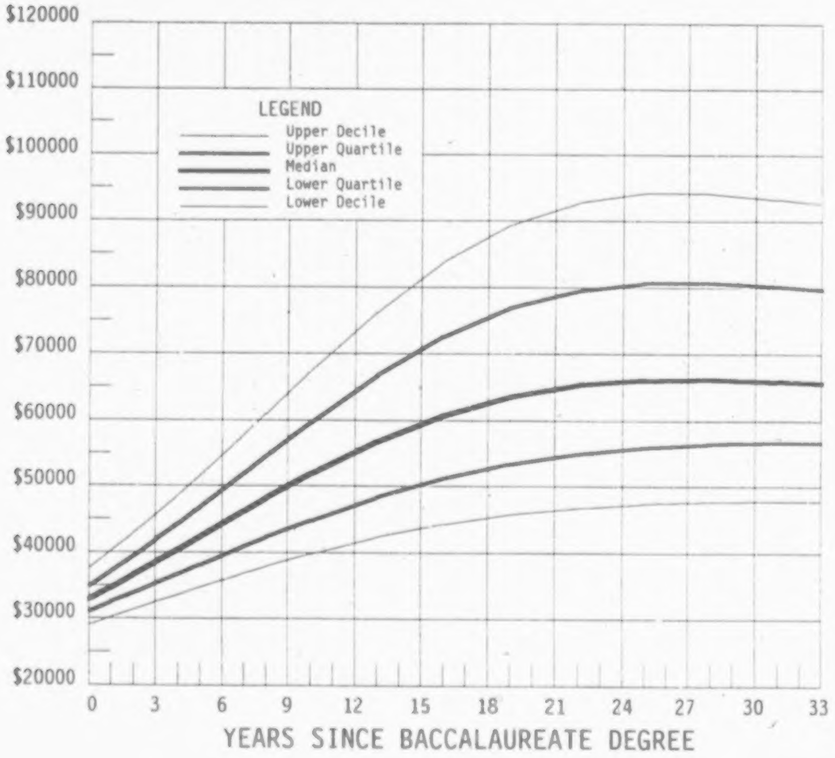
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, WASHINGTON D.C. METROPOLITAN AREA, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	35850	38050	40350	42700	45150	47650	50200	52750	55350	60500	67750	73950	78700	81900	83650	84250	84150	82950	69850	2.2
Upper Quartile	34200	36050	37950	39900	41900	43900	45900	47950	50000	53950	59400	64050	67650	70100	71600	72300	72500	72050	58900	2.2
Median	32250	33750	35300	36850	38400	40000	41550	43150	44700	47700	51800	55350	58200	60300	61750	62650	63150	63400	48100	2.2
Lower Quartile	29850	31050	32300	33500	34750	35950	37200	38350	39500	41700	44650	47050	48950	50300	51150	51650	51900	52000	39550	2.2
Lower Decile	28100	28900	29700	30500	31300	32100	32900	33650	34400	35800	37800	39500	41000	42200	43200	43950	44500	45300	34200	2.2
Mean	32200	33750	35350	37000	38650	40300	41950	43600	45200	48400	52700	56400	59300	61350	62700	63450	63800	63800	50450	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33750	37000	39400	42300	46100	48500	52350	55100	55000	62050	67750	69950	75400	79600	77100	82450	89550	93300	69850	
Upper Quartile	32850	34600	36900	40000	41000	45350	47100	49600	52050	54950	60050	62400	64150	65800	63900	74100	73050	84200	58900	
Median	30650	32800	35150	37700	38700	40500	40550	44050	46900	48550	52450	53700	55550	55650	61300	60050	64700	69500	48100	
Lower Quartile	27450	30550	32650	34050	34950	37400	36250	41250	39100	42000	44800	45550	46550	46650	53200	53350	52300	53600	39550	
Lower Decile	25550	28550	28750	32500	31950	33050	32950	35450	35050	35900	36550	37600	40950	41700	45300	44200	45550	45150	34200	
Mean	30100	33000	35500	37300	38700	41000	42500	45700	45450	48950	53150	54250	57200	58200	61050	62650	65000	69350	50450	
Supporting Data																				
Total Number	56	82	89	94	132	171	164	164	159	460	347	260	173	159	207	98	76	162	3051	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

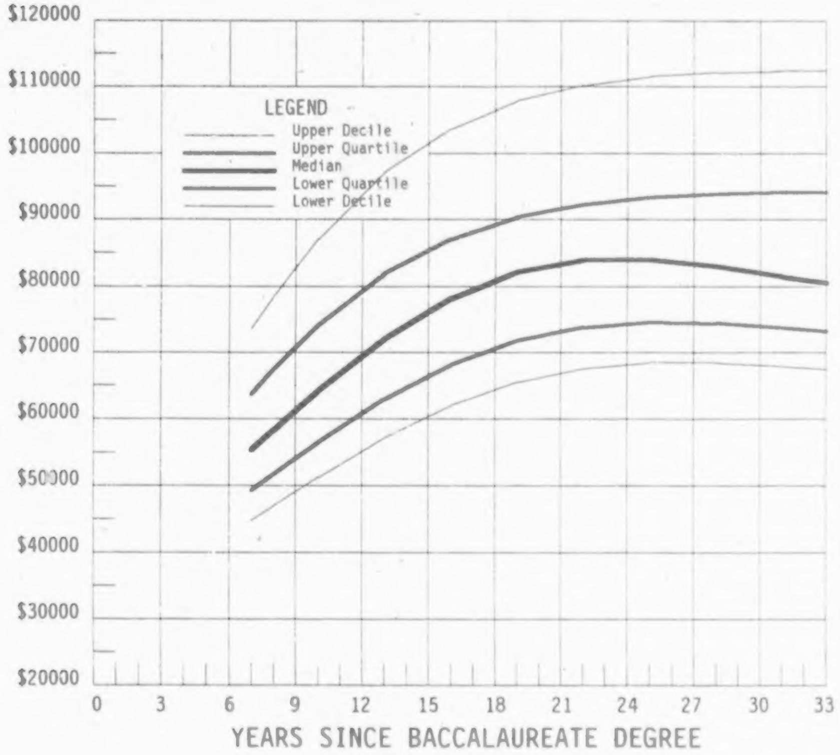
SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37650	40200	42850	45650	48550	51550	54650	57750	60950	67300	76250	83850	89400	92750	94200	94150	93300	90600	80650	2.2
Upper Quartile	34900	37100	39400	41800	44250	46750	49300	51900	54500	59600	66700	72600	76900	79500	80650	80700	80150	78200	66800	2.2
Median	32850	34650	36550	38450	40350	42300	44250	46200	48100	51800	56800	60750	63600	65350	66100	66250	65950	64800	54400	2.2
Lower Quartile	31050	32450	33850	35250	36700	38100	39500	40900	42250	44800	48300	51200	53400	54950	55950	56450	56700	56650	44300	2.2
Lower Decile	29050	30200	31350	32500	33600	34750	35800	36900	37900	39800	42350	44350	45800	46800	47400	47700	47800	47650	37200	2.2
Mean	33650	35500	37400	39300	41300	43300	45300	47250	49250	53100	58350	62750	66000	68200	69400	69850	69800	69050	57400	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	40300	43650	45950	46500	50250	55250	61800	61000	68150	75400	81700	91900	90300	91700	90550	102100	94050	80650	
Upper Quartile	0	36900	39600	42450	44300	46250	48300	53500	54150	60300	67250	71000	79950	75100	77500	80250	85600	81900	66800	
Median	0	33850	36350	39250	39800	41050	44150	47350	48950	52100	57650	59700	63200	63700	63750	67700	68700	67000	54400	
Lower Quartile	0	32750	34550	34550	36950	38550	39150	42250	40800	45000	50300	47850	53950	51300	60350	56800	55600	56000	44300	
Lower Decile	0	32050	31050	32850	34800	33400	33700	38050	36500	41400	42450	44550	45200	43350	46900	48900	50650	48650	37200	
Mean	0	36050	38350	39900	40900	42350	44800	48600	48850	53400	59000	61250	67400	66000	68550	69900	72650	69850	57400	
Supporting Data																				
Total Number	27	59	52	75	97	112	138	149	185	525	437	325	263	209	269	148	96	124	3290	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	0	5	
Less Than $22000	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	

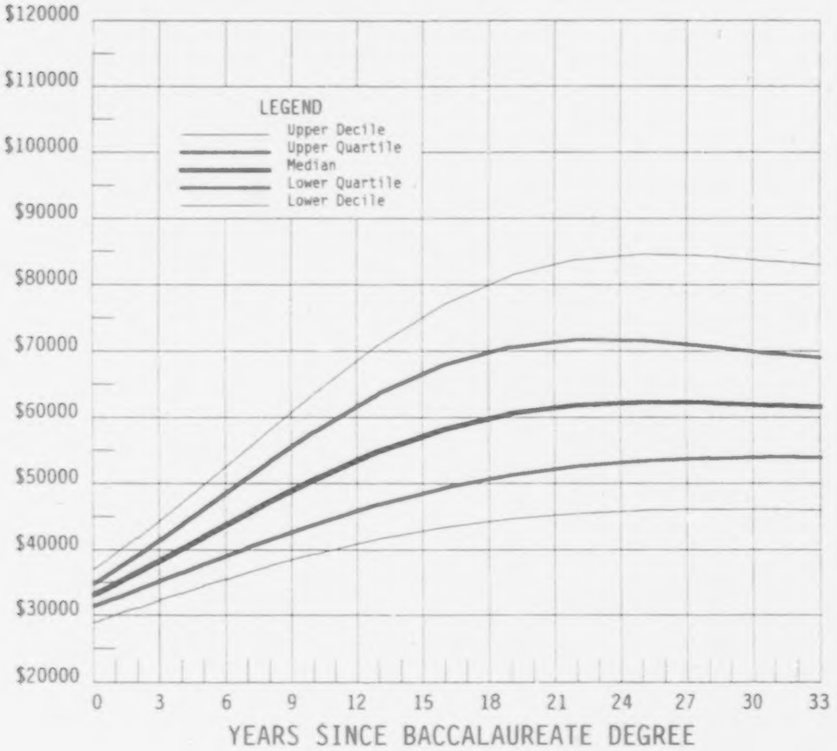
SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	73600	78450	87100	97100	103700	107850	110200	111500	112150	112400	112550	106000	5.4
Upper Quartile	0	0	0	0	0	0	0	63600	67450	74150	81900	87100	90350	92250	93300	93850	94100	94200	88350	5.2
Median	0	0	0	0	0	0	0	55300	58300	64100	72000	78200	82150	83950	84000	83000	81450	77900	76000	2.2
Lower Quartile	0	0	0	0	0	0	0	49350	51750	56450	62900	68100	71800	73850	74600	74450	73750	71700	66750	2.2
Lower Decile	0	0	0	0	0	0	0	44800	47000	51250	57200	62000	65500	67600	68450	68450	67950	66300	58050	2.2
Mean	0	0	0	0	0	0	0	55950	59150	65500	74300	81200	85650	87550	87450	86150	84250	80100	79200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	96900	72150	81000	104550	99500	114350	110650	112600	105400	118800	106700	106000	
Upper Quartile	0	0	0	0	0	0	0	67400	64000	73350	84700	83100	95100	93000	92850	89500	98150	92550	88350	
Median	0	0	0	0	0	0	0	61200	59000	65900	73600	75350	81600	78800	85000	78050	87100	85200	76000	
Lower Quartile	0	0	0	0	0	0	0	52450	55100	58100	63100	69700	69450	67700	73700	72600	77750	80350	66750	
Lower Decile	0	0	0	0	0	0	0	50450	49900	52250	57100	62800	63900	62550	68850	65600	69350	76100	58050	
Mean	0	0	0	0	0	0	0	64400	59850	66750	76600	78350	84700	82950	86300	82300	90500	87950	79200	
Supporting Data																				
Total Number	0	2	3	4	1	5	7	11	17	58	56	53	68	47	68	54	30	25	508	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2	0	5	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

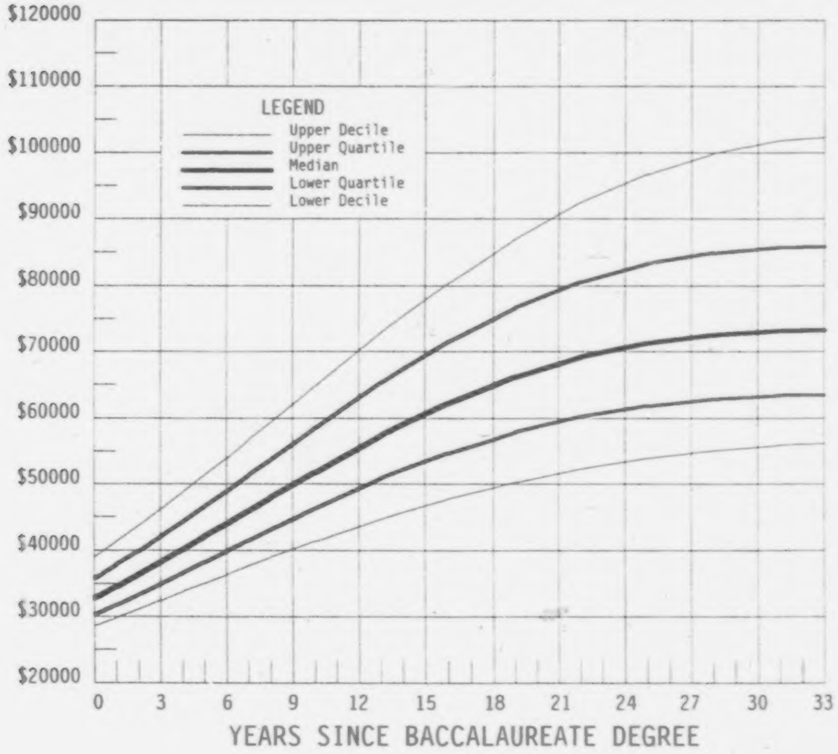
SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37000	39400	41850	44400	47050	49750	52500	55250	58050	63500	71000	77100	81350	83800	84650	84400	83550	81150	71350	2.2
Upper Quartile	34700	36850	39100	41400	43750	46100	48500	50900	53250	57750	63600	68000	70650	71750	71650	70800	69650	67000	62000	2.2
Median	33000	34750	36500	38300	40100	41900	43700	45500	47250	50550	54900	58250	60550	61850	62300	62250	61850	60650	51400	2.2
Lower Quartile	31300	32600	33900	35200	36500	37800	39050	40300	41500	43800	46900	49350	51250	52600	53400	53850	54050	54000	42800	2.2
Lower Decile	28950	30050	31200	32300	33400	34500	35550	36550	37550	39350	41700	43500	44750	45550	46000	46100	46100	45800	35900	2.2
Mean	33200	35000	36800	38650	40500	42350	44200	46050	47800	51250	55750	59250	61650	63050	63550	63500	63100	61900	53400	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	39650	40900	45150	46400	48900	50750	60000	57600	63750	71300	77000	83350	81850	78250	82800	87900	88450	71350	
Upper Quartile	0	36450	38900	41900	44250	45700	47700	51600	52850	58400	65000	67100	70350	70350	67100	71300	70550	72950	62000	
Median	0	33800	35950	38950	39800	40800	43550	46550	48400	51150	56100	55900	58500	61050	62100	61700	61550	64650	51400	
Lower Quartile	0	32700	34450	34200	36900	38450	39000	42000	40350	43700	48750	46650	51100	49300	57300	53900	53650	53900	42800	
Lower Decile	0	32050	30850	32800	34800	33350	33600	35850	35900	41200	41950	44250	43500	42450	45650	46000	48300	47600	35900	
Mean	0	35000	36250	38950	40650	41750	43750	47400	47800	51750	56450	57950	61300	61100	62550	62800	64550	65250	53400	
Supporting Data																				
Total Number	27	57	49	71	97	108	131	138	168	467	381	272	194	162	201	94	66	99	2782	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	

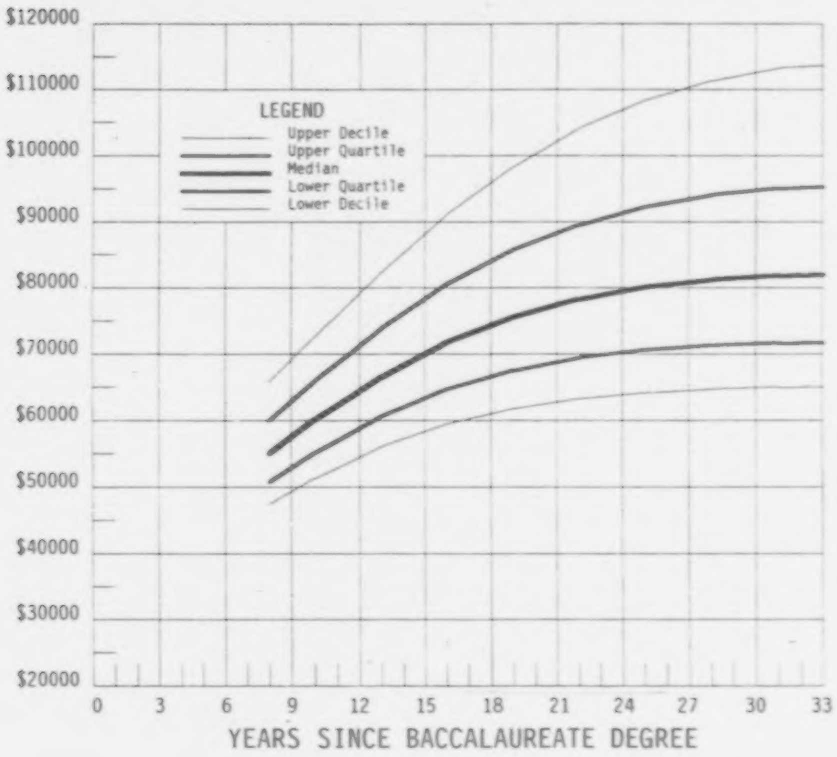
SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39000	41300	43700	46200	48750	51350	53950	56650	59350	64800	72850	80350	87000	92500	96800	99850	101850	103600	85550	3.6
Upper Quartile	35750	37800	39900	42050	44300	46600	48900	51300	53650	58450	65300	71500	76650	80600	83300	84950	85800	86200	71400	2.2
Median	32800	34550	36400	38250	40100	42050	44000	45950	47950	51800	57350	62200	66200	69200	71250	72500	73150	73450	57750	2.2
Lower Quartile	30300	31800	33350	34950	36550	38200	39850	41500	43150	46350	50850	54750	57900	60250	61850	62850	63400	63650	45050	2.2
Lower Decile	28600	29850	31200	32500	33800	35100	36400	37700	38950	41400	44750	47750	50300	52400	54000	55150	55950	56800	37350	3.2
Mean	33500	35250	37100	38950	40900	42850	44850	46850	48900	52900	58650	63850	68150	71500	73950	75500	76400	77150	60150	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40350	40850	45600	45450	48050	50400	53750	56550	59000	63550	74450	80750	89100	96900	97550	96900	99100	99900	85550	
Upper Quartile	36650	37400	41050	41900	44350	46200	48500	51050	53700	57550	65300	71250	77850	82750	84200	83400	86050	84900	71400	
Median	33300	34000	37000	38250	40400	42050	43650	45700	48550	51350	57500	61850	66200	70250	71600	71900	73350	73050	57750	
Lower Quartile	30000	31400	33800	35450	37000	38550	40250	41600	43500	46000	50300	54150	58000	61150	61400	62900	64450	63300	45050	
Lower Decile	28200	30050	30900	33350	34350	35250	36200	37600	39700	40950	44450	47350	50350	52400	54300	56900	58050	55150	37350	
Mean	34000	35100	38050	39100	41000	42700	44850	46650	49100	52150	58600	63350	68650	73250	74600	74700	76750	76200	60150	
Supporting Data																				
Total Number	223	309	402	445	429	441	397	446	409	1232	1211	1017	1061	1070	813	673	612	1109	12299	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	4	8	10	3	7	24	58	
Less Than $22000	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	

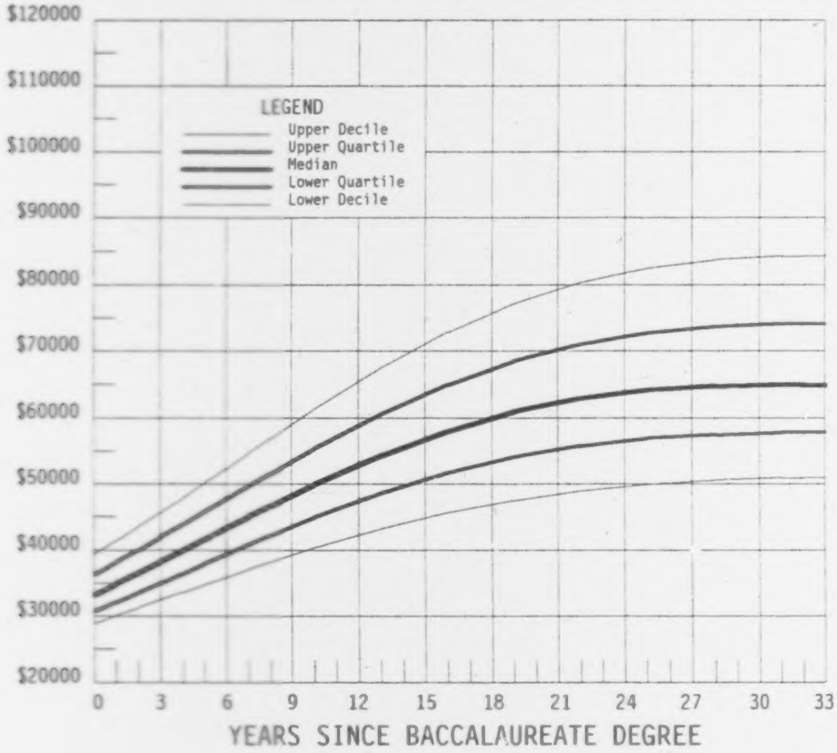
SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	65700	72600	82400	91150	98400	104100	108350	111350	113250	115000	102400	3.4
Upper Quartile	0	0	0	0	0	0	0	0	60000	65900	73850	80500	85750	89600	92300	94050	95100	95950	87800	3.8
Median	0	0	0	0	0	0	0	0	55000	60050	66550	71750	75550	78300	80100	81200	81850	82300	75200	4.0
Lower Quartile	0	0	0	0	0	0	0	0	50700	55100	60600	64700	67550	69450	70650	71350	71700	71950	65550	4.4
Lower Decile	0	0	0	0	0	0	0	0	47450	51350	56100	59500	61800	63300	64200	64750	65050	65200	59050	4.4
Mean	0	0	0	0	0	0	0	0	56000	61300	68350	74050	78350	81450	83500	84850	85650	86250	78600	3.8
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	75400	70800	82800	88900	96450	108600	111250	109300	110500	114800	102400	
Upper Quartile	0	0	0	0	0	0	0	0	64200	64400	74200	79100	85800	92250	93600	91950	93650	95700	87800	
Median	0	0	0	0	0	0	0	0	58000	59900	66100	71450	74950	78950	81850	80300	81150	82200	75200	
Lower Quartile	0	0	0	0	0	0	0	0	52900	55650	60650	63450	66650	69750	71750	71700	71050	72400	65550	
Lower Decile	0	0	0	0	0	0	0	0	50150	51000	56250	59150	61150	63450	64600	64500	64950	65650	59050	
Mean	0	0	0	0	0	0	0	0	60050	60550	68450	73200	77750	82800	85000	83400	84450	86600	78600	
Supporting Data																				
Total Number	0	3	3	9	7	20	21	32	43	192	339	374	449	533	392	331	343	495	3586	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	4	8	10	3	7	21	55	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

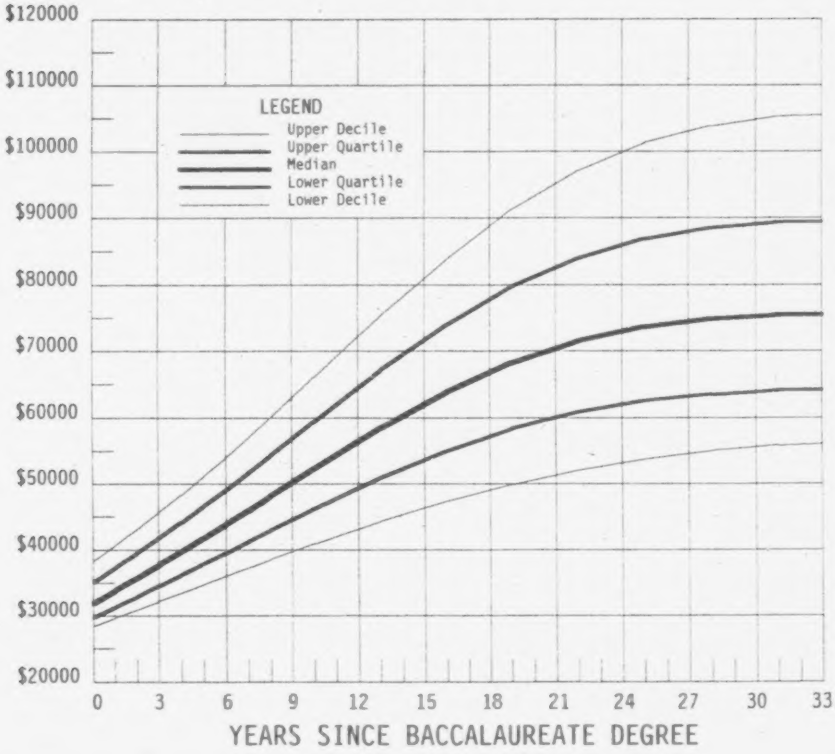
SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39300	41400	43500	45650	47850	50100	52350	54600	56850	61250	67450	72850	77200	80400	82500	83750	84350	84500	71850	2.2
Upper Quartile	36300	38150	40000	41900	43800	45750	47700	49650	51550	55300	60500	64950	68450	71000	72700	73650	74100	74200	61450	2.2
Median	33200	34850	36500	38200	39900	41600	43300	45000	46650	49900	54300	58000	60900	62900	64150	64800	65000	64850	50600	2.2
Lower Quartile	30700	32150	33550	35000	36450	37900	39350	40800	42200	44900	48600	51700	54100	55800	56900	57500	57800	57850	41600	2.2
Lower Decile	28950	30150	31300	32500	33650	34800	35950	37100	38200	40350	43200	45650	47550	49000	50000	50600	51000	51250	35700	2.2
Mean	33850	35450	37100	38800	40500	42200	43900	45600	47250	50500	55000	58800	61850	64050	65500	66400	66800	66950	52500	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40350	40600	45400	45050	47550	49600	52300	54450	56800	61150	68400	71300	79950	80600	80750	80950	83250	85950	71850	
Upper Quartile	36650	37300	40950	41750	44150	45700	47700	49950	52450	55150	60650	63700	68800	70850	72300	72450	73300	75600	61450	
Median	33300	33950	37000	38200	40350	41850	43400	45100	47500	50100	54050	57050	60750	62600	63000	64750	65600	65800	50600	
Lower Quartile	30000	31400	33800	35450	36950	38450	40050	41350	43100	45100	47750	50600	53450	54800	56150	59250	59750	58250	41600	
Lower Decile	28200	30000	30900	33300	34300	35150	36050	37300	39250	40300	42900	43900	47150	48450	51250	53200	52300	50450	35700	
Mean	34000	34850	37850	38850	40700	42300	44150	45800	47850	50600	54800	57600	62000	63800	64900	66250	66900	67850	52500	
Supporting Data																				
Total Number	223	306	399	436	422	421	376	414	366	1040	872	643	612	537	421	342	269	614	8713	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
Less Than $22000	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	

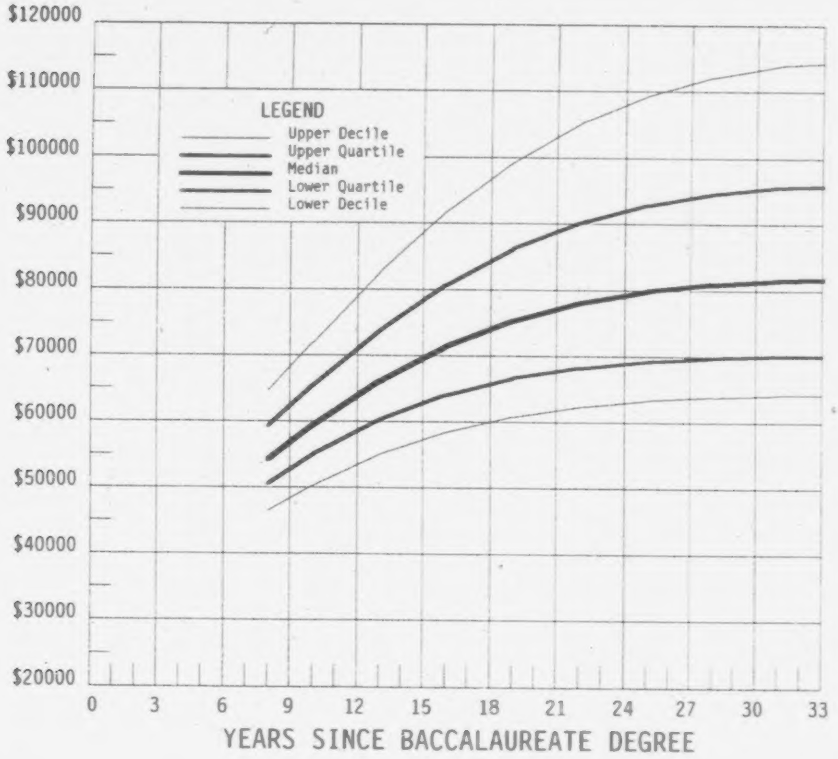
SALARY CURVES FOR ENGINEERS IN CONSULTING
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CONSULTING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38250	40600	43100	45650	48350	51150	54000	56950	60000	66100	75300	83850	91250	97100	101250	103900	105350	106150	88300	2.2
Upper Quartile	35150	37250	39500	41750	44150	46600	49100	51650	54250	59450	67050	73950	79700	84000	86900	88550	89350	89400	73350	2.2
Median	32000	33800	35700	37650	39700	41750	43850	45950	48100	52350	58450	63850	68250	71500	73650	74850	75400	75400	58050	2.2
Lower Quartile	29800	31300	32900	34550	36200	37850	39550	41250	42950	46250	50950	55050	58350	60850	62550	63550	64100	64300	44650	2.2
Lower Decile	28450	29700	30950	32200	33500	34750	36050	37300	38500	40950	44300	47350	49950	52100	53800	55050	55900	56750	36900	3.2
Mean	32850	34700	36600	38600	40600	42650	44800	46900	49050	53350	59600	65200	69850	73450	76000	77600	78450	[illegible]	60950	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37100	40700	46100	45800	49000	50700	54650	57100	59050	64900	76100	82150	91650	99600	100400	103550	105800	105800	88300	
Upper Quartile	34650	36700	41900	41500	44650	46750	49200	51500	54000	58650	66650	72750	81350	86150	86950	86800	90350	88600	73350	
Median	31800	33000	37050	37950	40400	42000	43800	45650	48650	51450	58350	62650	69700	72550	73550	74750	75500	74950	58050	
Lower Quartile	29250	30950	33750	34950	36450	38400	40400	41300	43200	45150	50550	54450	59550	61700	61650	64400	65350	63450	44650	
Lower Decile	27850	30000	31250	32900	33700	35000	36300	37150	39200	40250	44200	46250	50500	52800	53750	57400	58200	54650	36900	
Mean	32300	34400	38450	38800	41050	42800	45300	46700	49150	52350	59300	64050	71100	75150	76050	77300	79250	78050	60950	
Supporting Data																				
Total Number	129	173	263	278	269	303	252	287	262	795	761	651	645	685	493	389	352	697	7684	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	3	4	7	2	6	19	43	
Less Than $22000	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	

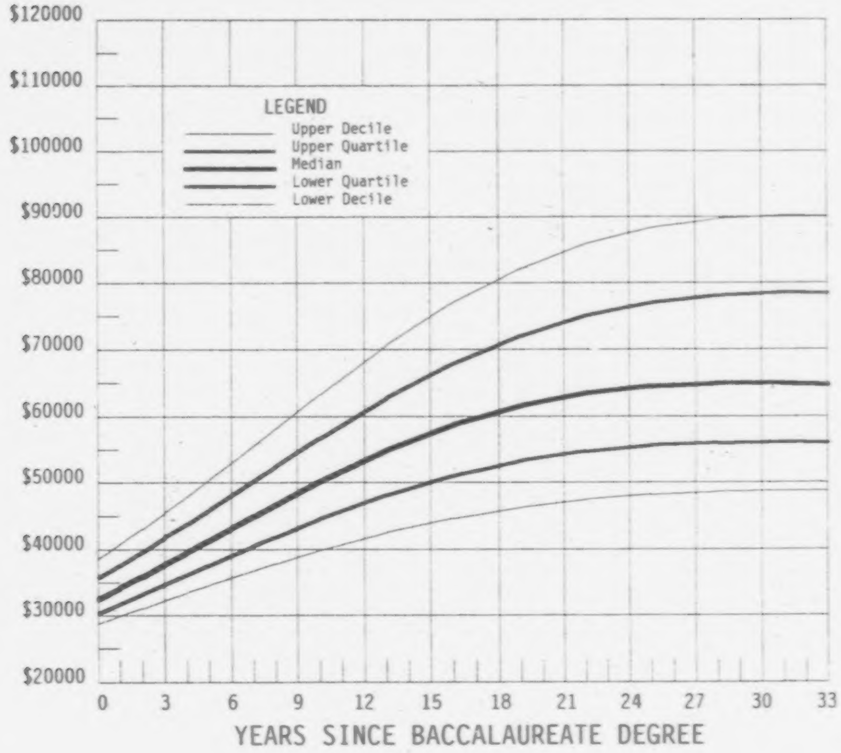
SALARY CURVES FOR ENGINEERS IN CONSULTING SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	64600	72000	82500	91700	99250	105100	109300	112150	113900	115450	104200	3.6
Upper Quartile	0	0	0	0	0	0	0	0	59250	65400	73750	80700	86150	90100	92850	94600	95650	96500	88300	3.8
Median	0	0	0	0	0	0	0	0	54150	59350	66100	71400	75350	78050	79850	80950	81550	82000	74850	4.0
Lower Quartile	0	0	0	0	0	0	0	0	50600	54950	60250	64050	66600	68250	69250	69800	70100	70250	65000	4.6
Lower Decile	0	0	0	0	0	0	0	0	46450	50300	55000	58400	60800	62350	63300	63900	64200	64350	59100	4.4
Mean	0	0	0	0	0	0	0	0	55350	60850	68050	73850	78150	81250	83250	84500	85250	85750	78750	4.0
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	77600	70200	83250	88600	97450	109100	111800	111050	112150	114900	104200	
Upper Quartile	0	0	0	0	0	0	0	0	65000	64450	73800	78350	86700	93050	93900	92600	94800	95900	88300	
Median	0	0	0	0	0	0	0	0	58650	60050	65000	70500	74850	79200	81850	79200	81400	81950	74850	
Lower Quartile	0	0	0	0	0	0	0	0	53500	56050	60150	62500	65450	68600	70300	70150	69000	71300	65000	
Lower Decile	0	0	0	0	0	0	0	0	50950	49750	54900	58250	60250	62300	63800	63500	64100	64950	59100	
Mean	0	0	0	0	0	0	0	0	61850	60300	67950	72500	77600	82550	84700	83150	84500	86150	78750	
Supporting Data																				
Total Number	0	3	2	4	2	10	11	14	26	125	233	272	322	390	271	243	240	362	2530	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	3	4	7	2	6	16	40	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

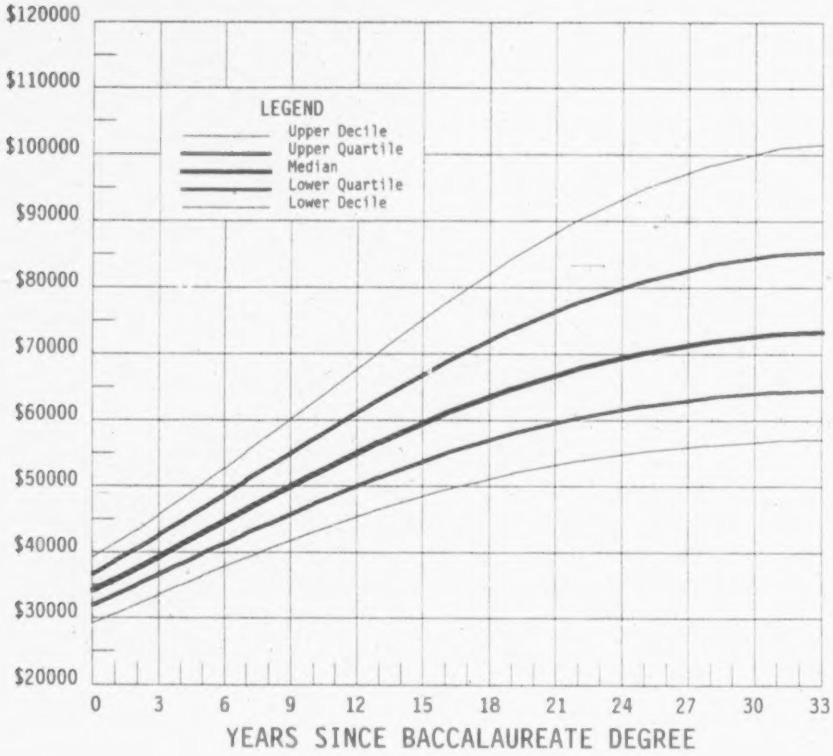
SALARY CURVES FOR ENGINEERS IN CONSULTING
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38550	40800	43100	45450	47900	50400	52950	55550	58100	63250	70600	77050	82200	86000	88400	89700	90200	89950	74350	2.2
Upper Quartile	35650	37600	39600	41700	43800	45900	48100	50250	52400	56700	62700	67900	72050	75050	77000	78050	78500	78350	60550	2.2
Median	32450	34150	35900	37700	39500	41300	43150	44950	46700	50150	54850	58700	61600	63450	64500	64900	64900	64250	49400	2.2
Lower Quartile	30350	31750	33200	34650	36150	37600	39050	40450	41850	44550	48150	51050	53250	54750	55600	56000	56100	55800	40850	2.2
Lower Decile	28800	29950	31100	32300	33450	34550	35700	36800	37850	39850	42500	44700	46350	47500	48250	48650	48800	48800	34950	2.2
Mean	33250	34950	36700	38450	40250	42100	43900	45750	47550	51050	55900	60000	63250	65500	66950	67700	68000	67850	52200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	37100	40100	45900	45500	48800	49800	53400	55400	57100	63150	71000	74900	84750	86550	85350	85900	88400	92900	74350	
Upper Quartile	34650	36500	41750	41450	44500	46200	48600	50600	52650	55950	62450	66050	75500	74650	74750	77250	77150	80050	60550	
Median	31800	32900	37000	37850	40350	41800	43600	45150	47450	50050	54150	56700	63400	62900	62450	65100	65850	65550	49400	
Lower Quartile	29250	30950	33750	34950	36450	38250	40200	41100	42750	44300	47650	49450	52850	53950	54600	58350	58000	56500	40850	
Lower Decile	27850	30000	31250	32850	33650	34900	36150	36950	38600	39700	42250	42400	46400	48000	49600	51200	50100	47900	34950	
Mean	32300	34000	38150	38600	40700	42400	44750	46100	47750	50850	55500	57950	64600	65300	65500	67650	67900	69300	52200	
Supporting Data																				
Total Number	129	170	261	274	267	293	241	273	236	670	528	379	323	295	222	146	112	335	5154	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
Less Than $22000	0	0	0	0	0	0	1	0	.	0	0	0	0	0	0	0	0	0	2	

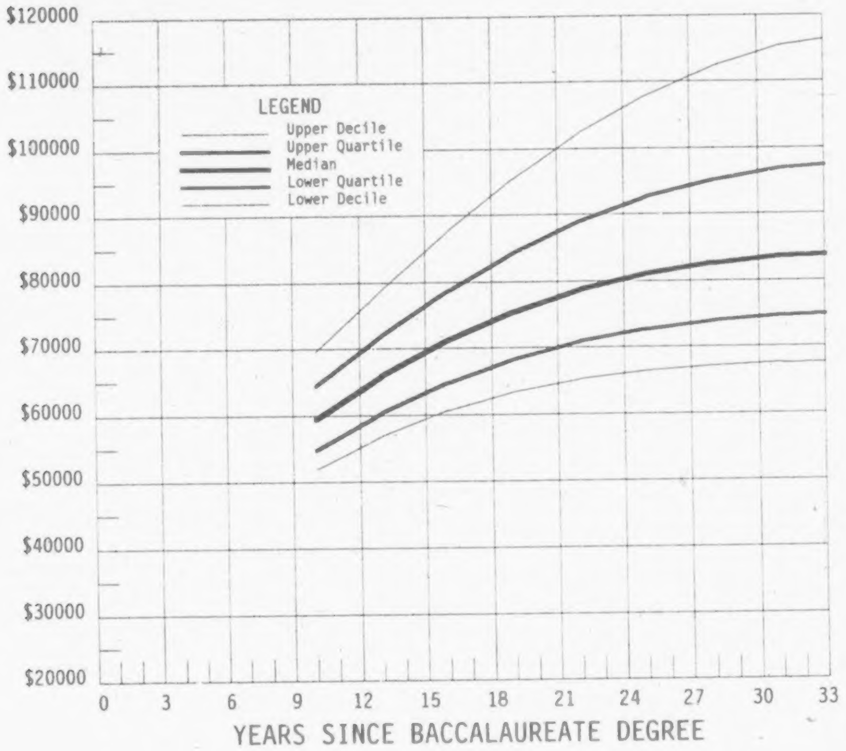
SALARY CURVES FOR ENGINEERS IN ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39250	41300	43450	45700	48000	50300	52700	55150	57650	62700	70250	77600	84350	90200	94900	98450	100900	103250	82650	3.4
Upper Quartile	36700	38600	40600	42600	44600	46650	48750	50850	52950	57100	63150	68750	73650	77800	81000	83400	84950	86450	69600	3.4
Median	34050	35800	37550	39300	41100	42900	44700	46450	48250	51700	56600	61000	64800	67850	70200	71900	73050	74100	57600	3.4
Lower Quartile	31950	33450	35050	36600	38200	39750	41300	42850	44350	47300	51350	54950	57950	60350	62200	63500	64350	65150	45650	3.4
Lower Decile	29200	30650	32100	33550	35000	36400	37850	39200	40550	43150	46600	49550	51950	53850	55250	56250	56900	57550	38300	3.2
Mean	34350	36100	37850	39650	41450	43300	45150	47050	48900	52550	57900	62800	67050	70650	73400	75450	76800	78100	59600	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	40350	40100	43300	45550	46850	50850	52900	54700	58150	61600	71300	78400	85050	93300	97450	94550	98850	100000	82650	
Upper Quartile	37950	37700	40100	42550	44250	45850	48250	50400	53450	56350	63900	70200	74550	79800	83950	81550	84700	81250	69600	
Median	34950	35400	37250	39200	40750	42350	43800	46000	48700	51300	57800	62000	64100	69550	71600	70600	73100	71400	57600	
Lower Quartile	32600	32900	34850	36700	38250	39300	40700	42550	44500	47350	51500	55400	57900	61800	62650	62650	64250	63600	45650	
Lower Decile	28950	30300	31400	34750	36200	36850	36900	39250	41200	43050	45850	49500	51250	53800	56600	57150	58600	56200	38300	
Mean	35150	35350	37450	39900	41350	43000	44800	46750	49200	52050	58550	63250	67000	72300	75400	73850	76550	75500	59600	
Supporting Data																				
Total Number	117	157	185	228	219	207	205	234	209	631	631	503	558	532	406	345	301	460	6128	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	2	4	12	30	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

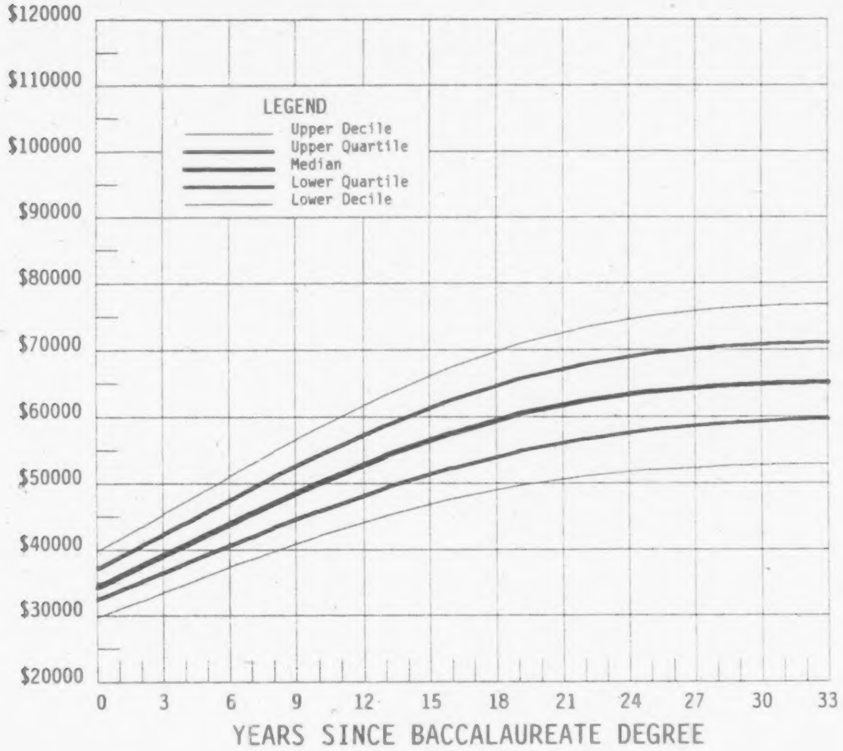
SALARY CURVES FOR ENGINEERS IN ENGINEERING SERVICES SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	69600	78850	87600	95550	102350	107900	112200	115350	119050	101000	2.8
Upper Quartile	0	0	0	0	0	0	0	0	0	64350	71900	78650	84400	89000	92550	95100	96850	98750	86700	3.0
Median	0	0	0	0	0	0	0	0	0	59450	65800	71200	75450	78700	81050	82650	83650	84550	75250	3.4
Lower Quartile	0	0	0	0	0	0	0	0	0	54800	60300	64800	68300	70850	72700	73900	74650	75350	66050	3.4
Lower Decile	0	0	0	0	0	0	0	0	0	51850	56850	60700	63400	65200	66400	67100	67550	67800	59500	4.0
Mean	0	0	0	0	0	0	0	0	0	60350	67250	73250	78150	81950	84750	86750	88050	89350	78500	3.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	68000	0	70850	79650	84400	93450	104300	111400	109000	114400	120850	101000	
Upper Quartile	0	0	0	0	0	0	0	64000	0	64500	72100	77100	83600	89550	93700	93450	95850	100950	86700	
Median	0	0	0	0	0	0	0	56000	0	59400	65900	70800	74700	78050	82750	82400	84400	84400	75250	
Lower Quartile	0	0	0	0	0	0	0	51000	0	55450	60900	63600	67300	70500	73800	74100	75650	75350	66050	
Lower Decile	0	0	0	0	0	0	0	48000	0	52100	57600	60150	62050	64350	66450	67300	69600	68850	59500	
Mean	0	0	0	0	0	0	0	57450	0	60550	67950	71900	77000	81850	86250	85250	88250	90950	78500	
Supporting Data																				
Total Number	0	0	1	4	5	12	14	20	16	87	194	213	253	280	206	148	142	175	1770	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	2	4	12	30	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

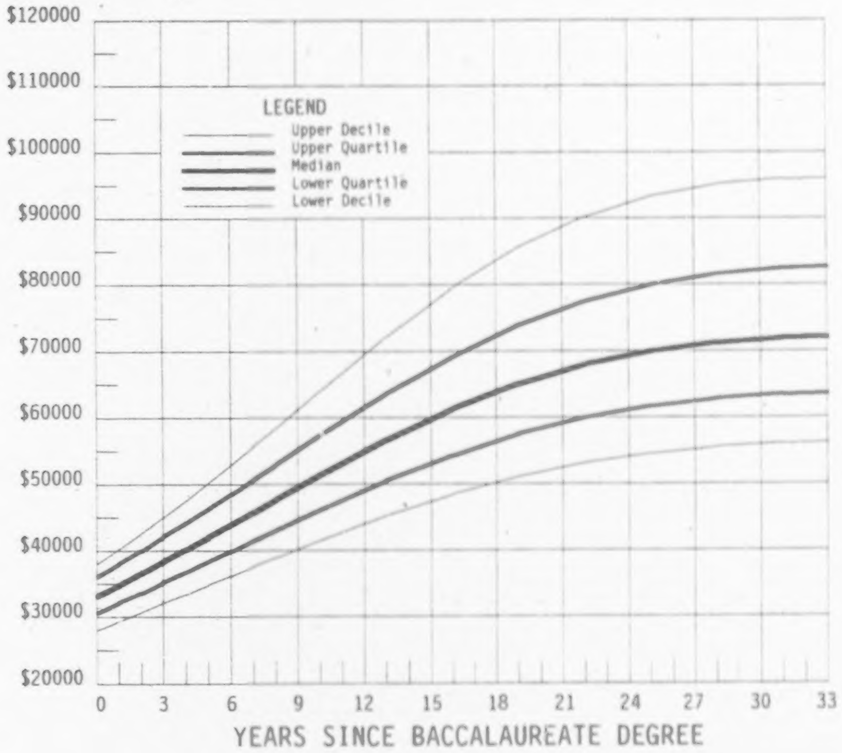
SALARY CURVES FOR ENGINEERS IN ENGINEERING SERVICES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39750	41600	43450	45350	47250	49150	51050	52950	54800	58400	63350	67600	70950	73450	75150	76200	76750	77050	68050	2.2
Upper Quartile	37150	38850	40550	42300	44050	45800	47500	49250	50950	54200	58750	62600	65700	67950	69550	70500	71050	71400	60850	2.2
Median	34400	35950	37550	39100	40700	42300	43900	45500	47050	50050	54150	57600	60400	62400	63800	64650	65100	65350	50900	2.2
Lower Quartile	32450	33800	35150	36500	37900	39250	40600	41950	43300	45850	49350	52350	54800	56700	58050	58950	59500	60050	42250	2.2
Lower Decile	29750	31000	32250	33550	34800	36100	37350	38550	39750	42050	45150	47700	49650	51100	52050	52550	52850	52900	36850	2.2
Mean	34750	36300	37850	39400	41000	42550	44150	45700	47250	50200	54250	57700	60450	62450	63850	64750	65250	65550	51950	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40350	40100	43350	45300	46650	50100	51400	52500	56700	59000	63350	66550	67850	73050	75750	75800	78050	78150	68050	
Upper Quartile	37950	37700	40100	42500	44100	45350	47300	49400	52600	54500	59350	62250	63400	67750	69250	70250	71600	72450	60850	
Median	34950	35400	37250	39200	40700	42200	43450	45450	48150	50300	54400	57150	59450	62450	63350	64600	65350	65850	50900	
Lower Quartile	32600	32900	34850	36750	38200	39300	40450	42250	44250	46750	48850	51450	53550	55250	580[illegible]	59900	60550	60700	42250	
Lower Decile	28950	30300	31400	34800	36150	36900	36700	38950	41050	42350	44500	47200	47450	48850	53400	54850	54400	53100	36850	
Mean	35150	35350	37450	39700	41150	42650	43850	45750	48400	50700	54350	56900	58750	61700	64200	65[illegible]00	66050	66050	51950	
Supporting Data																				
Total Number	117	157	184	224	214	195	191	214	193	544	437	290	305	252	200	197	159	285	4358	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

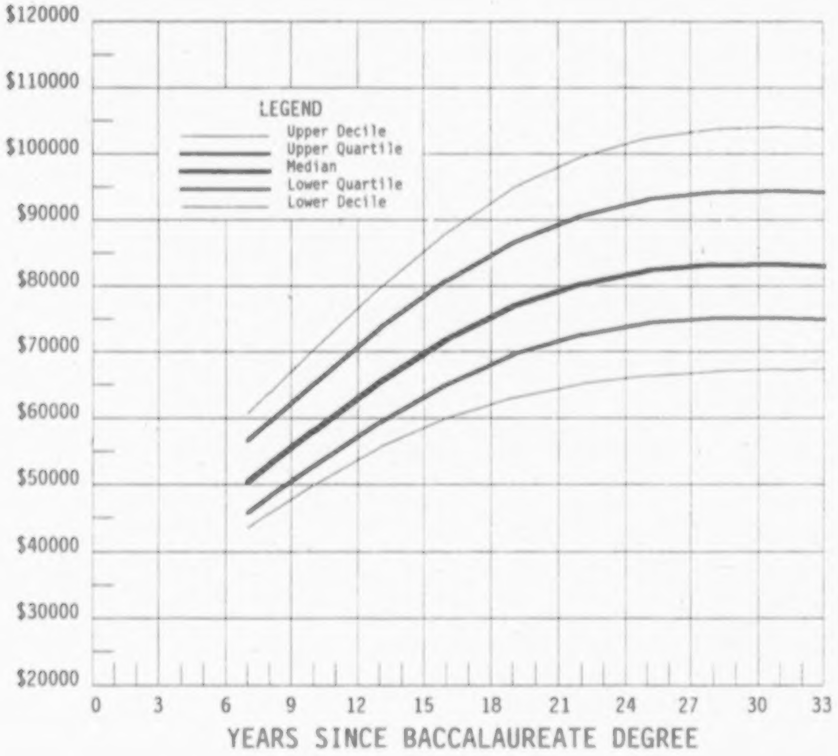
SALARY CURVES FOR ENGINEERS IN ENVIRONMENTAL SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ENVIRONMENTAL SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	37950	40250	42600	45050	47600	50250	52900	55650	58400	64000	72150	79500	85600	90200	93350	95150	96000	96150	83000	2.2
Upper Quartile	36050	38000	40000	42050	44150	46300	48500	50700	52900	57300	63550	69150	73850	77400	79900	81500	82400	83000	70350	2.2
Median	33050	34750	36500	38300	40150	42000	43900	45750	47650	51350	56600	61250	65050	67950	69950	71250	71950	72400	57250	2.2
Lower Quartile	30600	32100	33600	35150	36700	38300	39900	41450	43050	46150	50500	54300	57450	59900	61650	62800	63450	64050	44250	2.2
Lower Decile	28050	29350	30700	32050	33400	34800	36150	37550	38900	41550	45250	48450	51100	53150	54550	55500	56050	56550	36900	2.2
Mean	33200	34950	36750	38600	40500	42450	44400	46400	48350	52250	57850	62800	66900	70000	72150	73550	74300	74750	58950	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40100	38900	42250	44000	46500	48800	52050	56900	57450	62650	74450	79450	89250	95050	92250	89700	93600	96550	83000	
Upper Quartile	37800	36650	3870C	41400	43950	45000	48100	51400	53450	56800	64150	70050	76900	77350	79350	77500	83100	83300	70350	
Median	33500	33950	36400	38150	40050	42000	43400	46200	49900	50950	56750	61200	65550	68850	68500	68750	73350	72950	57250	
Lower Quartile	30400	32450	33200	35650	36900	38650	40350	41800	43700	45000	50450	53750	59050	61150	59600	62250	64600	63950	44250	
Lower Decile	27500	30650	29500	33000	32500	35550	37150	38500	41050	40400	45450	47000	52450	52850	53350	56050	57450	56350	36900	
Mean	33750	34550	36200	38550	40200	42050	44350	47250	48850	51300	58100	63150	68450	71500	70850	71200	74850	74900	58950	
Supporting Data																				
Total Number	83	88	92	119	131	105	112	114	80	294	287	232	232	235	214	186	186	333	3123	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	1	1	7	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

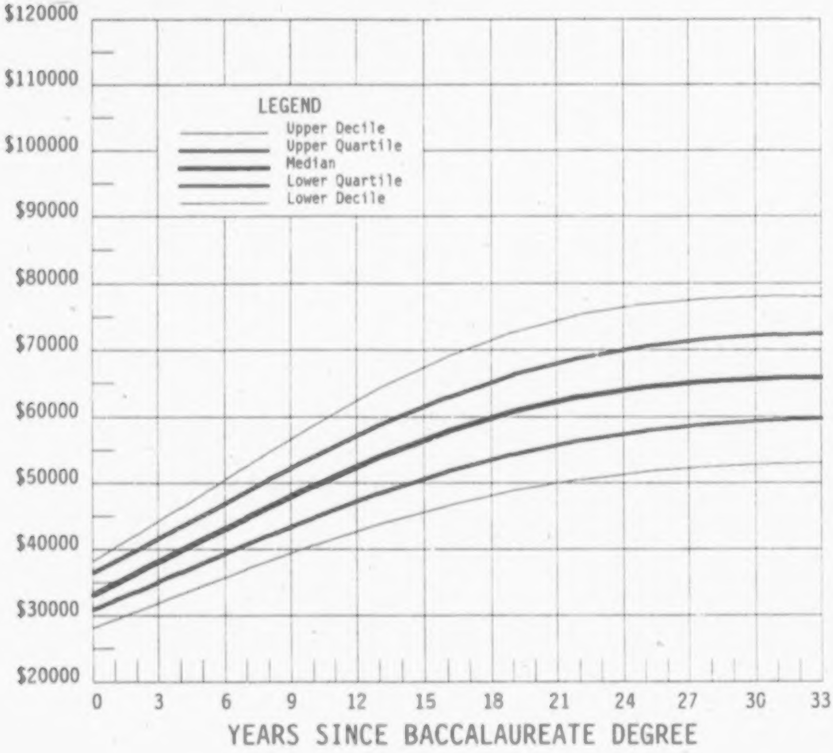
SALARY CURVES FOR ENGINEERS IN ENVIRONMENTAL SERVICES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ENVIRONMENTAL SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	60650	63900	70350	79700	88100	94800	99550	102400	103750	104050	102950	97500	2.2
Upper Quartile	0	0	0	0	0	0	0	56550	59450	65200	73550	80850	86600	90700	93100	94200	94400	93400	87400	2.2
Median	0	0	0	0	0	0	0	50450	53000	58100	65450	71850	76850	80350	82350	83250	83300	82300	76100	2.2
Lower Quartile	0	0	0	0	0	0	0	45850	48200	52800	59350	65100	69550	72600	74350	75100	75100	74150	65450	2.2
Lower Decile	0	0	0	0	0	0	0	43500	45750	50000	55600	60000	63100	65200	66400	67050	67350	67450	55750	5.2
Mean	0	0	0	0	0	0	0	51200	53900	59200	66850	73600	78850	82500	84550	85400	85450	84300	77300	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	68900	61400	68950	80850	89600	92200	105900	98450	98050	98250	108150	97500	
Upper Quartile	0	0	0	0	0	0	0	63000	58250	62300	76100	80350	86300	93400	92450	88950	91550	96150	87400	
Median	0	0	0	0	0	0	0	55550	54600	57350	67050	72300	76150	78400	81800	79100	83200	85100	76100	
Lower Quartile	0	0	0	0	0	0	0	53700	51650	52250	60300	64950	68200	70650	74000	71050	76900	76250	65450	
Lower Decile	0	0	0	0	0	0	0	47050	50250	49500	52700	60450	63100	65200	63450	63650	72600	69450	55750	
Mean	0	0	0	0	0	0	0	57900	55200	57850	67950	74800	77150	83250	82750	80550	85350	87000	77300	
Supporting Data																				
Total Number	0	1	0	0	2	6	9	14	18	60	84	75	94	105	84	69	82	133	837	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	1	1	7	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

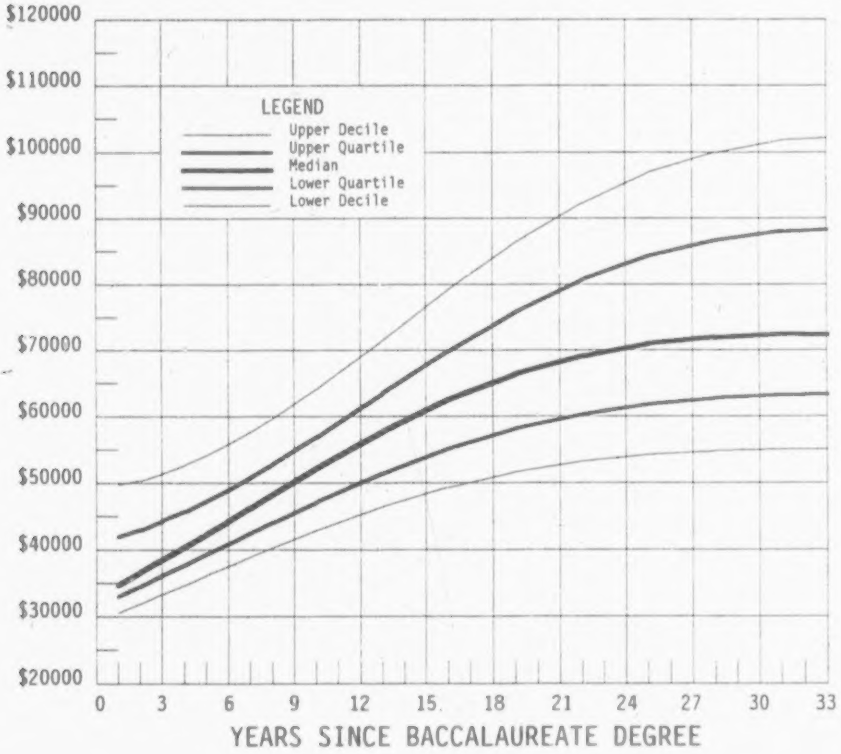
SALARY CURVES FOR ENGINEERS IN ENVIRONMENTAL SERVICES
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ENVIRONMENTAL SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	38250	40200	42200	44250	46300	48400	50500	52600	54700	58700	64300	69000	72700	75300	76950	77800	78150	77950	70700	2.2
Upper Quartile	36400	38100	39800	41600	43350	45150	46950	48750	50500	53950	58750	62900	66250	68800	70550	71700	72350	72800	62150	2.2
Median	33200	34800	36450	38100	39750	41400	43100	44750	46400	49600	54000	57800	60800	63000	64450	65350	65800	66000	50900	2.2
Lower Quartile	30950	32300	33650	35050	36500	37900	39300	40700	42100	44750	48500	51750	54400	56450	57900	58900	59550	60150	41200	2.2
Lower Decile	28250	29450	30700	31950	33250	34500	35750	37000	38200	40600	43850	46600	48850	50550	51750	52500	52950	53350	35300	2.2
Mean	33450	35000	36650	38250	39900	41600	43250	44900	46550	49700	54100	57850	60900	63150	64650	65600	66100	66400	52200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40100	38300	42250	44000	46250	46800	49350	52900	54950	60350	63900	69550	75900	73250	75150	76150	77850	78950	70700	
Upper Quartile	37800	36550	38700	41400	43700	44250	47100	49650	51800	54200	58900	62600	66450	68850	69800	71050	71650	73550	62150	
Median	33500	33900	36400	38150	39950	41700	42950	45150	47650	49350	53800	57800	61100	62750	63150	65250	66000	66600	50900	
Lower Quartile	30400	32450	33200	35650	36850	38450	39900	41300	42700	43800	48300	51350	55550	55950	56000	60350	59550	60550	41200	
Lower Decile	27500	30650	29500	33000	32300	35300	36950	38150	38900	39750	44400	45000	49700	48800	51450	53350	54300	53400	35300	
Mean	33750	34400	36200	38550	39950	41350	43250	45750	47000	49600	53950	57500	62600	62100	63200	65650	66450	66850	52200	
Supporting Data																				
Total Number	83	86	92	119	128	99	103	100	62	234	202	157	139	131	131	117	103	200	2286	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

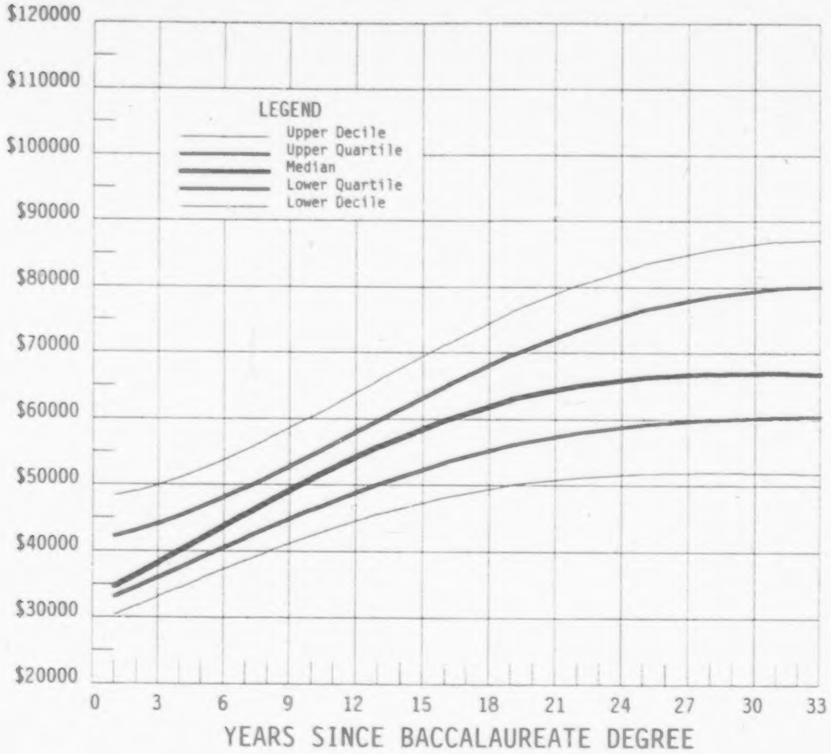
SALARY CURVES FOR ENGINEERS IN SOFTWARE ENGINEERING
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOFTWARE ENGINEERING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	49750	50400	51400	52650	54100	55800	57650	59650	64100	71500	79150	86300	92350	96900	100000	101800	103100	79750	4.2
Upper Quartile	0	41900	43000	44300	45750	47300	49000	50850	52750	56850	63400	69850	75750	80650	84250	86650	88050	89050	66300	4.2
Median	0	34750	36550	38450	40400	42350	44300	46300	48300	52200	57700	62500	66350	69150	70950	72000	72450	72400	54900	2.2
Lower Quartile	0	32900	34450	36050	37650	39250	40850	42450	44050	47150	51450	55150	58150	60300	61800	62700	63200	63400	45000	2.2
Lower Decile	0	30500	31900	33300	34700	36100	37500	38900	40250	42900	46450	49400	51650	53250	54250	54800	55000	54900	37900	2.2
Mean	0	37700	39150	40700	42300	43950	45650	47450	49200	52850	58350	63500	68000	71700	74400	76250	77350	78150	57550	4.0
Raw (Unsmoothed) Statistics																				
Upper Decile	52250	52850	53600	48800	50900	51200	57200	55400	63400	62000	75000	86100	89000	86000	108100	89600	92500	94250	79750	
Upper Quartile	47750	50400	39900	42000	43250	47750	47400	51050	53600	57500	65350	70850	78500	76800	85600	85200	85950	81250	66300	
Median	39500	35600	35750	38000	39900	44000	44500	45750	48250	52700	57400	62550	65150	71450	67700	73500	77000	71000	54900	
Lower Quartile	33500	33250	34100	36150	36950	39500	40900	42300	44500	47900	49500	56350	56900	64550	61000	62350	63250	62600	45000	
Lower Decile	29000	29200	29200	34750	35700	37200	38550	38950	41200	44100	44850	48100	49100	52700	56950	56500	58000	53900	37900	
Mean	40150	40200	38100	40000	41250	44150	45350	46650	50050	52950	58700	65000	68800	71000	76050	74200	78100	73150	57550	
Supporting Data																				
Total Number	15	22	26	44	27	28	31	46	43	125	100	71	68	48	47	35	25	33	834	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	4	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

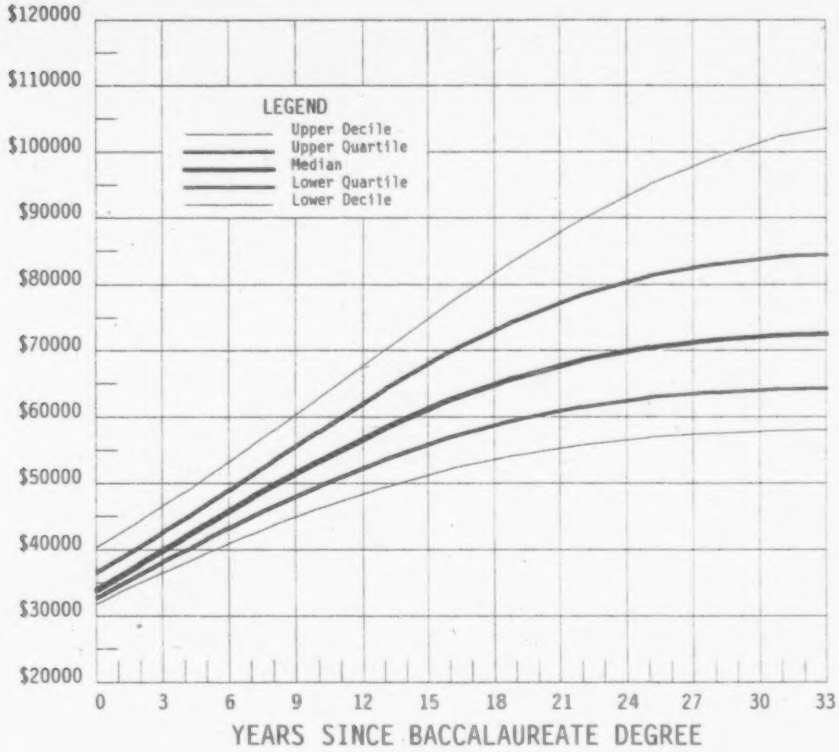
SALARY CURVES FOR ENGINEERS IN SOFTWARE ENGINEERING
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: SOFTWARE ENGINEERING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	48300	49050	50000	51150	52400	53800	55300	56900	60350	65800	71250	76200	80350	83500	85650	87000	87950	71250	4.0
Upper Quartile	0	42150	43100	44150	45350	46700	48100	49600	51150	54500	59750	64900	69650	73550	76550	78600	79850	80750	61400	4.0
Median	0	34700	36450	38250	40100	41900	43750	45600	47400	50950	55800	59850	62950	65050	66300	66900	67050	66600	51850	2.2
Lower Quartile	0	33100	34550	36050	37550	39050	40550	42000	43450	46300	50150	53450	56050	57950	59200	60000	60400	60600	43350	2.2
Lower Decile	0	30400	31800	33200	34550	35950	37300	38650	39950	42400	45650	48200	50050	51200	51800	52000	51900	51400	37150	2.2
Mean	0	37700	39100	40550	42000	43500	45000	46500	48000	51000	55400	59350	62800	65550	67650	69050	69950	70650	53250	3.8
Raw (Unsmoothed) Statistics																				
Upper Decile	52250	52850	53600	43900	51200	51400	56200	53000	60200	59450	70150	69700	78800	79000	78550	86150	89000	82500	71250	
Upper Quartile	47750	50400	39900	41750	43250	47500	46600	49000	53100	55850	60600	64450	71350	73000	72350	76500	85000	76750	61400	
Median	39500	35600	35750	37900	39500	43250	44150	45000	47900	50800	55850	60450	61700	67700	64300	66500	68000	66800	51850	
Lower Quartile	33500	33250	34100	36100	36900	39250	40600	41750	44500	47200	48700	53750	54500	61000	58700	58750	61000	61250	43350	
Lower Decile	29000	29200	29200	34750	35600	37050	38450	38600	41550	43000	44150	46300	48050	50750	56050	54950	54800	49500	37150	
Mean	40150	40200	38100	39500	41200	43950	44800	45600	49200	51300	56000	59000	63000	66650	66000	68000	71600	69150	53250	
Supporting Data																				
Total Number	15	22	26	43	26	26	29	40	39	103	83	53	54	35	31	23	16	25	689	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

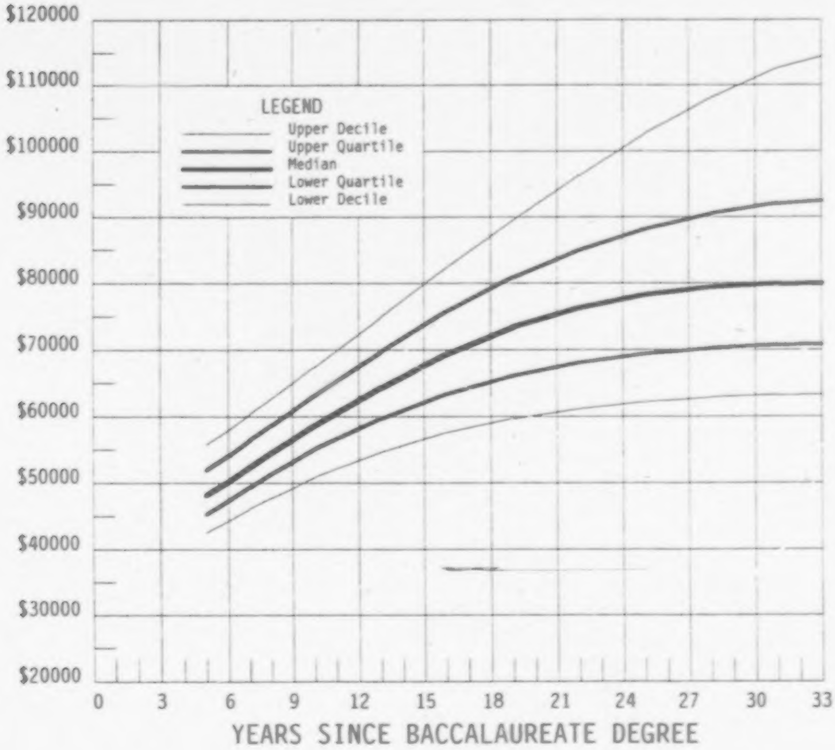
SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40400	42350	44400	46550	48700	50950	53250	55600	57950	62800	70100	77250	83900	89900	95050	99200	102450	107100	78400	2.2
Upper Quartile	36500	38450	40450	42500	44600	46750	48950	51150	53350	57750	64100	69850	74650	78500	81250	83100	84200	85150	67300	2.2
Median	33850	35800	37800	39800	41800	43800	45800	47750	49650	53300	58300	62550	65950	68550	70450	71650	72400	73000	57750	3.8
Lower Quartile	32750	34500	36300	38050	39800	41550	43250	44900	46500	49550	53600	56950	59550	61500	62850	63700	64200	64600	47550	4.0
Lower Decile	31900	33450	35000	36500	38000	39500	40900	42300	43650	46200	49500	52200	54300	55850	56900	57600	58000	58250	38950	4.0
Mean	35650	37350	39150	40950	42750	44650	46500	48400	50300	54000	59350	64200	68300	71600	74100	75850	77050	78300	59200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	40600	42500	43550	44750	49150	52650	53800	58850	57800	63500	70700	75550	82100	88950	92600	99850	102800	116800	78400	
Upper Quartile	37550	39250	39900	40850	45100	46400	48800	52700	52600	59600	64450	68900	73200	76650	80450	84500	86900	88000	67300	
Median	36250	37000	37400	37950	41600	43250	45100	48200	48950	54900	58750	62300	65950	68550	69850	71250	72600	71000	57750	
Lower Quartile	34600	35400	36450	36900	38450	41300	42200	44450	45900	51000	54300	56950	60050	60750	62250	63950	63850	62350	47550	
Lower Decile	32850	34200	35500	36250	36600	38350	39950	41600	43450	47200	50300	51850	54900	55950	55900	57200	57650	56300	38950	
Mean	36900	38050	38750	39800	42500	44750	46100	49100	49850	55250	59550	63400	67600	71350	72850	77750	77000	79600	59200	
Supporting Data																				
Total Number	78	129	278	377	245	245	252	275	317	929	1008	729	754	694	422	283	200	249	7464	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	15	5	14	4	19	60	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

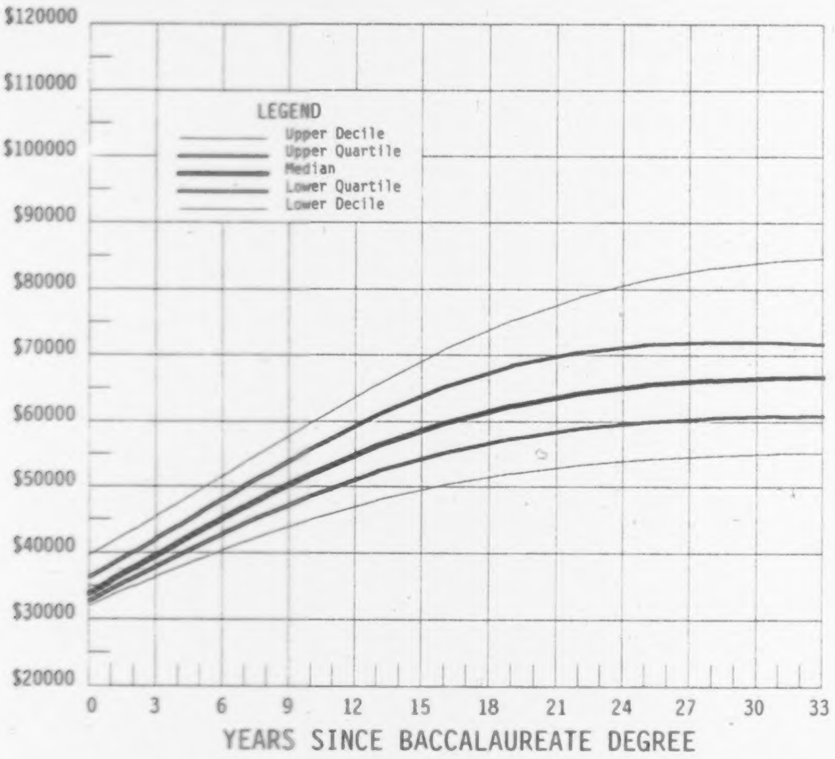
SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	55750	58000	60300	62650	67450	74850	82300	89500	96350	102600	108050	112600	119850	90850	2.2
Upper Quartile	0	0	0	0	0	51850	54100	56400	58650	63150	69700	75700	80850	85000	88200	90500	92050	93800	78950	2.2
Median	0	0	0	0	0	48100	50200	52350	54450	58550	64350	69350	73350	76250	78200	79350	79900	80050	69300	2.2
Lower Quartile	0	0	0	0	0	45250	47350	49400	51400	55050	59700	63400	66150	68100	69450	70250	70750	71050	61300	4.0
Lower Decile	0	0	0	0	0	42600	44400	46150	47800	50850	54650	57600	59700	61200	62250	62850	63250	63550	54300	3.8
Mean	0	0	0	0	0	48950	51000	53050	55150	59250	65100	70400	74950	78600	81400	83350	84650	86100	72200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	67700	61750	63350	62950	67950	75200	82400	87900	93700	97250	112900	115750	129650	90850	
Upper Quartile	0	0	0	0	0	64250	55050	60600	58400	63500	70300	74700	79000	84650	85700	90000	95950	98500	78950	
Median	0	0	0	0	0	50500	50550	52250	54500	59700	65400	69100	71850	74400	76900	80250	83450	82500	69300	
Lower Quartile	0	0	0	0	0	45900	46500	47900	49550	55450	60150	64100	66100	68350	68650	69800	72500	69650	61300	
Lower Decile	0	0	0	0	0	44150	44800	45550	46900	51200	54250	57100	60600	61350	61750	63800	65150	61300	54300	
Mean	0	0	0	0	0	54900	52400	54150	54950	59850	65250	69900	73950	78400	79100	84100	86950	88750	72200	
Supporting Data																				
Total Number	1	3	5	12	12	23	37	46	58	243	303	254	337	314	211	128	93	136	2216	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	10	3	7	3	15	41	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

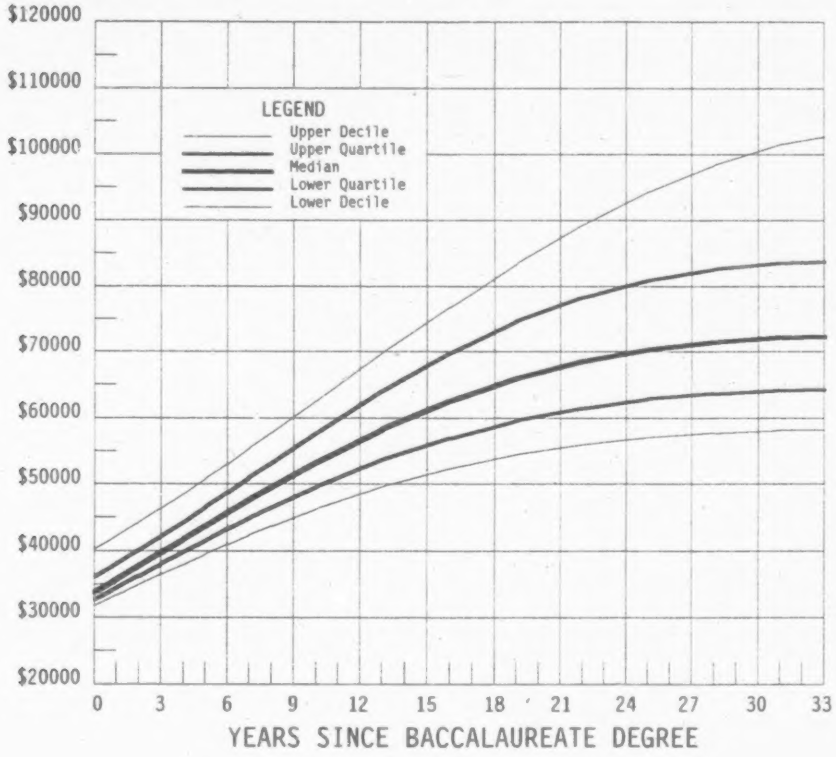
SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39600	41500	43450	45450	47450	49500	51550	53650	55700	59800	65600	70850	75250	78800	81400	83250	84400	85650	68400	2.2
Upper Quartile	36200	38100	40050	42000	44000	46000	48050	50050	52000	55850	61000	65250	68400	70450	71600	72000	71950	71200	61200	2.2
Median	33850	35750	37650	39550	41450	43300	45100	46900	48650	51900	56250	59700	62400	64300	65550	66300	66700	66950	53350	4.4
Lower Quartile	32800	34500	36200	37900	39600	41200	42800	44350	45850	48650	52300	55200	57400	58950	59950	60550	60850	61100	43500	4.4
Lower Decile	32100	33550	35000	36400	37750	39100	40400	41650	42850	45100	47950	50300	52050	53350	54250	54800	55150	55400	37500	4.0
Mean	34950	36750	38550	40350	42150	43900	45700	47400	49100	52300	56700	60400	63450	65800	67550	68700	69450	70100	53700	3.6
Raw (Unsmoothed) Statistics																				
Upper Decile	40650	41850	43150	43750	47700	50550	51050	55850	55200	61550	65500	69600	72250	77650	80550	92800	86600	84500	68400	
Upper Quartile	37550	39000	39600	40600	44450	45600	47900	51650	51350	57600	60950	63700	67100	70100	71050	75300	74100	70500	61200	
Median	36250	36950	37350	37900	41300	42900	44150	47600	48300	53550	57000	59800	61900	63000	64550	68050	65650	64100	53350	
Lower Quartile	34550	35350	36450	36900	38300	41150	41850	43800	45400	50300	53350	55300	57250	57950	58700	60500	60350	58600	43500	
Lower Decile	32800	34150	35450	36250	36550	38100	39500	41300	42900	45950	48800	50350	52200	52300	53350	55850	54400	54250	37500	
Mean	36900	37500	38400	39200	41700	43700	45000	48050	48700	53650	57100	59950	62450	65500	66550	72500	68350	68600	53700	
Supporting Data																				
Total Number	77	126	273	365	233	222	215	229	259	686	705	475	417	380	211	155	107	113	5248	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	7	1	4	19	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

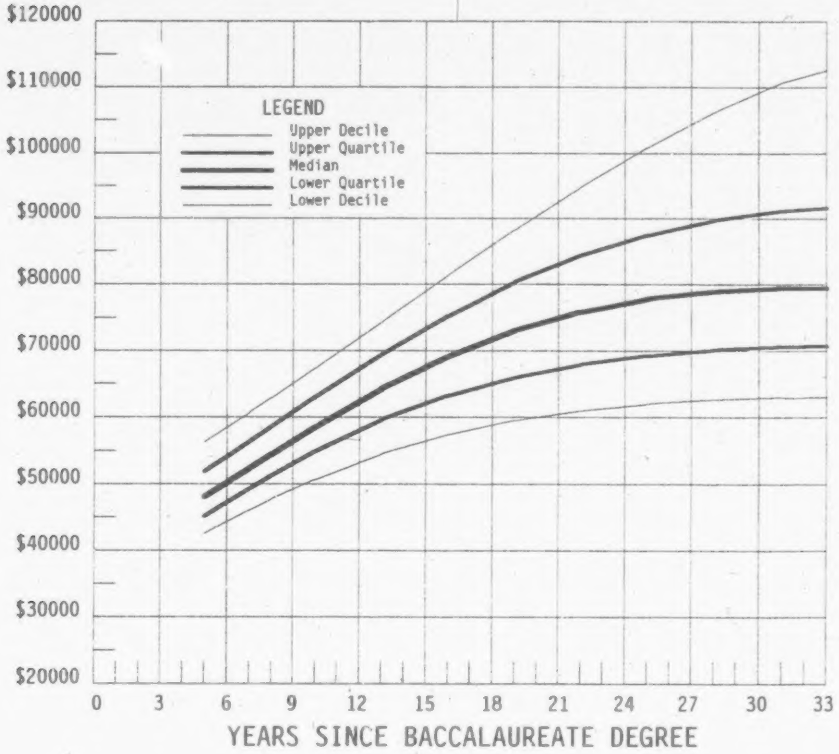
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	40300	42250	44300	46400	48550	50800	53050	55400	57750	62550	69750	76800	83400	89300	94300	98350	101500	106050	78000	2.2
Upper Quartile	36100	38050	40100	42150	44300	46500	48700	50950	53150	57650	64050	69800	74600	78300	80900	82600	83550	84150	67200	2.2
Median	33800	35750	37700	39700	41700	43700	45700	47650	49550	53250	58250	62550	65950	68500	70300	71450	72150	72650	57850	4.0
Lower Quartile	32700	34450	36250	38000	39800	41500	43250	44900	46500	49550	53650	56950	59600	61500	62850	63700	64200	64550	47700	4.0
Lower Decile	31800	33400	34950	36500	38000	39500	40950	42350	43700	46250	49600	52350	54450	56000	57050	57750	58150	58450	38750	4.0
Mean	35550	37300	39050	40850	42700	44550	46400	48300	50200	53900	59250	64050	68100	71350	73800	75500	76600	77800	59100	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	42150	43050	44300	48700	52750	53550	59100	57850	63400	70400	75000	81450	88600	91000	99050	102950	115750	78000	
Upper Quartile	0	38550	39200	40500	44850	46300	48600	52850	52550	59600	64400	68600	73000	76600	80000	83850	86100	87700	67200	
Median	0	36800	37300	37850	41300	43150	45000	48300	48950	54950	58700	62200	65950	68450	69450	71000	72200	70950	57850	
Lower Quartile	0	35250	36450	36850	38300	41250	42150	44400	46000	51100	54350	57000	60100	60700	62100	63600	63750	62750	47700	
Lower Decile	0	34100	35400	36250	36600	38200	39800	41550	43650	47300	50500	51950	55200	55900	55950	57250	57650	56900	38750	
Mean	0	37850	38550	39650	42350	44650	45950	49200	49850	55300	59500	63100	67400	71000	72300	77250	76750	79600	59100	
Supporting Data																				
Total Number	69	119	261	353	225	230	238	262	298	872	953	684	721	662	396	265	190	233	7031	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	12	3	13	4	17	51	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

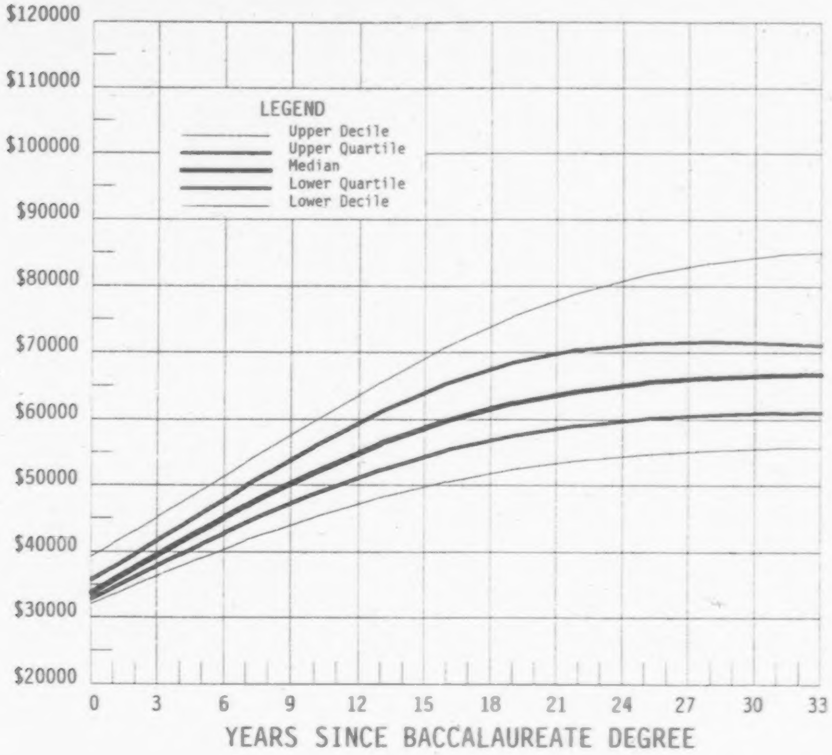
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	56350	58500	60650	62900	67400	74350	81350	88250	94800	100850	106250	110800	118250	89600	2.2
Upper Quartile	0	0	0	0	0	51900	54100	56350	58550	63000	69400	75250	80300	84350	87450	89700	91200	92900	78450	2.2
Median	0	0	0	0	0	48150	50250	52350	54450	58500	64200	69150	73050	75900	77800	78900	79450	79550	69150	2.2
Lower Quartile	0	0	0	0	0	45200	47300	49350	51300	54950	59600	63250	66000	67950	69300	70150	70650	71050	61150	3.8
Lower Decile	0	0	0	0	0	42550	44350	46100	47750	50750	54500	57400	59550	61000	62000	62650	63000	63300	54300	3.8
Mean	0	0	0	0	0	49050	51050	53050	55050	59050	64750	69900	74300	77850	80600	82550	83900	85400	71700	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	67850	62150	63400	63450	67700	74950	80750	86800	92700	96250	110500	115950	125000	89600	
Upper Quartile	0	0	0	0	0	63000	54900	60700	58550	63300	70000	74200	78550	84150	84900	88750	95000	97500	78450	
Median	0	0	0	0	0	50500	50000	52500	54800	59450	65250	69000	71600	74200	76750	79450	83100	81650	69150	
Lower Quartile	0	0	0	0	0	45600	46250	47800	49850	55250	59900	64100	66000	68200	68700	69600	72400	69250	61150	
Lower Decile	0	0	0	0	0	44050	44700	45500	47150	50900	54050	57000	60700	61000	62000	62800	65050	60800	54300	
Mean	0	0	0	0	0	54700	52300	54200	55300	59550	65000	69200	73350	77550	78450	83100	86850	87650	71700	
Supporting Data																				
Total Number	0	3	4	12	10	21	34	45	54	230	285	228	321	299	195	118	88	130	2077	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	7	1	6	3	13	32	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

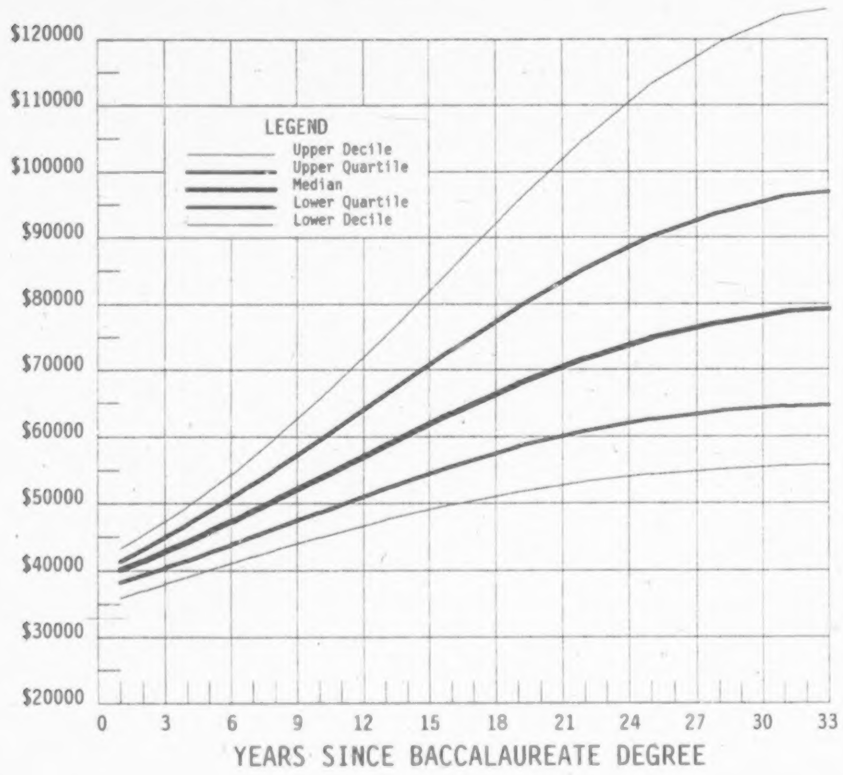
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-2	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	39300	41200	43200	45200	47250	49300	51400	53450	55550	59700	65600	70950	75400	79000	81650	83550	84750	85950	68300	2.2
Upper Quartile	35700	37600	39600	41650	43700	45750	47800	49900	51900	55850	61150	65400	68500	70450	71400	71650	71400	70350	61300	2.2
Median	33750	35650	37550	39450	41400	43250	45100	46900	48650	51950	56300	59800	62450	64300	65550	66300	66700	66950	53600	4.4
Lower Quartile	32750	34450	36150	37850	39550	41200	42800	44350	45850	48700	52350	55300	57500	59100	60100	60700	61050	61250	43500	4.4
Lower Decile	32050	33500	34950	36350	37750	39100	40400	41700	42900	45200	48150	50550	52450	53800	54700	55300	55650	55900	37450	4.0
Mean	34750	36550	38350	40200	42000	43800	45600	47350	49050	52350	56750	60500	63600	65950	67650	68850	69550	70200	53800	3.6
Raw (Unsmoothed) Statistics																				
Upper Decile	41300	41150	42650	43400	47300	50700	50300	56100	55150	61600	65600	69550	72400	78050	80550	92700	84750	86750	68300	
Upper Quartile	37700	38150	38900	40250	44200	45500	47750	51850	51250	57700	60950	63750	67200	70100	70500	74900	73550	70350	61300	
Median	36400	36750	37300	37800	41050	42850	44150	47700	48300	53650	57050	59950	62000	63000	64350	67700	65550	64500	53600	
Lower Quartile	34700	35200	36400	36850	38150	41100	41750	43700	45500	50400	53450	55500	57400	57950	58600	60500	60350	59300	43500	
Lower Decile	32850	34100	35400	36250	36500	38000	39350	41200	43100	46100	49050	50550	53000	52400	53400	56150	54600	55700	37450	
Mean	37100	37250	38150	39000	41500	43600	44900	48150	48650	53750	57150	60100	62650	65600	66300	72550	68050	69350	53800	
Supporting Data																				
Total Number	69	116	257	341	215	209	204	217	244	642	668	456	400	363	201	147	102	103	4954	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	7	1	4	19	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

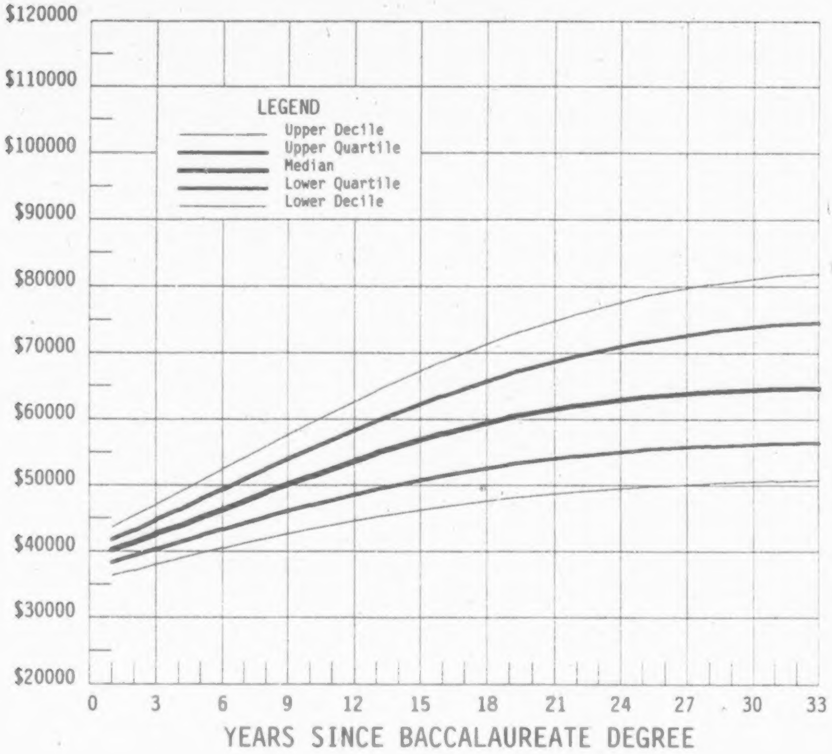
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: GAS UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	43300	45250	47350	49550	51900	54400	57000	59750	65600	75200	85350	95550	105050	113200	119400	123700	127600	87350	3.6
Upper Quartile	0	41400	43150	45000	46850	48850	50850	52950	55050	59450	66300	73050	79500	85300	90100	93750	96300	98800	69700	3.4
Median	0	40050	41400	42850	44300	45800	47350	48900	50500	53750	58650	63450	67850	71700	74800	77150	78800	80350	55600	3.4
Lower Quartile	0	38300	39300	40400	41500	42700	43850	45050	46300	48700	52300	55600	58500	60800	62550	63750	64500	65150	45900	3.8
Lower Decile	0	35900	36950	38000	39000	40050	41050	42100	43050	44950	47600	49850	51750	53250	54400	55150	55650	56100	41350	3.6
Mean	0	39850	41300	42800	44400	46000	47700	49400	51200	54850	60550	66200	71550	76300	80250	83250	85350	87400	60950	3.4
Raw (Unsmoothed) Statistics																				
Upper Decile	0	43250	46500	46150	52000	51500	55400	52100	56400	65850	74500	92500	93500	122500	99250	115000	100000	135000	87350	
Upper Quartile	0	42100	44550	44000	47000	47400	52500	49050	53250	60450	67000	75500	79650	80000	92500	97500	94150	95000	69700	
Median	0	40400	42500	42350	44000	44900	48500	46700	49250	53950	60150	64400	65000	71000	76000	80000	90000	72000	55600	
Lower Quartile	0	38900	39900	40000	41500	42650	43100	44750	44550	49100	52250	56850	57650	62000	66000	69500	66000	53000	45900	
Lower Decile	0	38000	36700	36400	39000	41300	41850	42950	40850	45300	48050	50500	48300	56250	55400	55400	60000	51200	41350	
Mean	0	40450	42100	41900	44750	46250	48300	47100	49700	55000	60550	67900	71200	78400	81150	85150	81600	79950	60950	
Supporting Data																				
Total Number	9	10	17	24	20	15	14	13	19	57	55	45	33	32	26	18	10	16	433	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	0	2	9	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

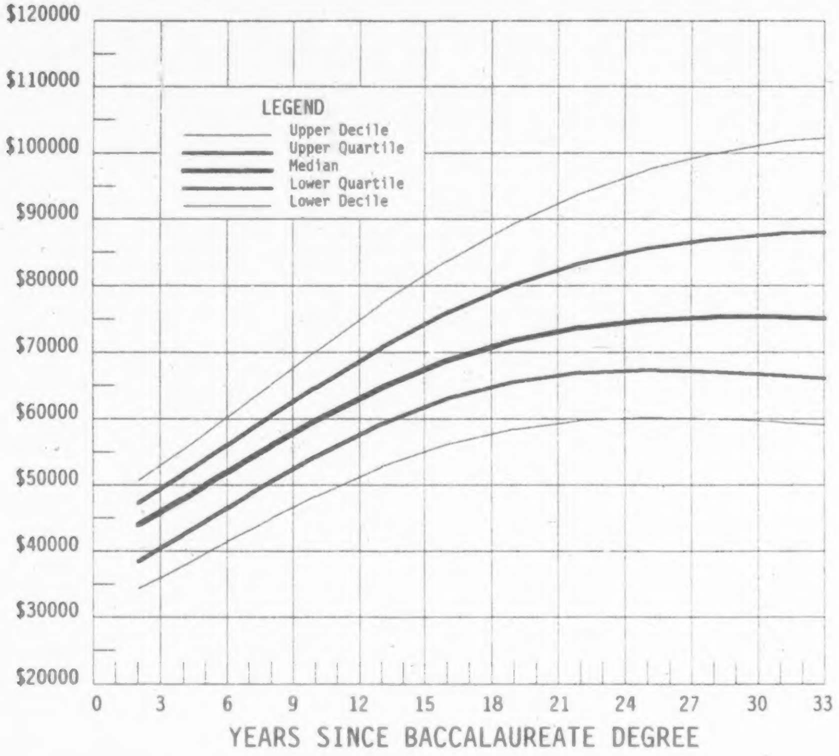
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	43700	45450	47150	48900	50700	52450	54200	55950	59400	64300	68800	72750	75950	78500	80350	81550	82750	69550	3.4
Upper Quartile	0	41700	43200	44750	46300	47850	49400	50950	52450	55450	59700	63550	66850	69600	71700	73250	74300	75300	58750	3.4
Median	0	40200	41350	42600	43800	45100	46350	47600	48900	51350	54850	57850	60300	62100	63400	64200	64650	65000	49800	4.2
Lower Quartile	0	38300	39350	40350	41350	42350	43350	44300	45200	47000	49450	51500	53200	54450	55400	56000	56400	56700	43400	3.8
Lower Decile	0	36300	37150	38050	38850	39700	40500	41250	42000	43400	45250	46800	48100	49100	49800	50350	50750	51200	39800	2.2
Mean	0	39900	41250	42600	43950	45300	46600	47950	49200	51700	55100	58050	60450	62350	63700	64600	65150	65600	52100	3.8
Raw (Unsmoothed) Statistics																				
Upper Decile	0	43250	46400	46150	51200	49100	54350	49850	55500	60800	63700	70200	69200	74600	95000	0	0	76000	69550	
Upper Quartile	0	42100	44000	44000	46600	46250	50750	48500	53250	56000	61200	61650	63150	70350	78000	0	0	73000	58750	
Median	0	40400	42300	42350	43500	44300	45500	46400	48500	51650	56300	57200	60350	62500	72000	0	0	56000	49800	
Lower Quartile	0	38900	39500	40000	41250	42350	42650	44600	43600	48000	49700	51100	49250	57650	62000	0	0	51900	43400	
Lower Decile	0	38000	36600	36400	38800	41200	41650	42800	40250	44300	47300	40850	46100	51700	53000	0	0	50750	39800	
Mean	0	40450	41900	41900	43950	44600	46850	46750	49400	52000	56350	56650	57800	63450	71350	0	0	60650	52100	
Supporting Data																				
Total Number	8	10	16	24	18	13	11	12	15	44	37	19	17	17	10	8	5	10	294	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

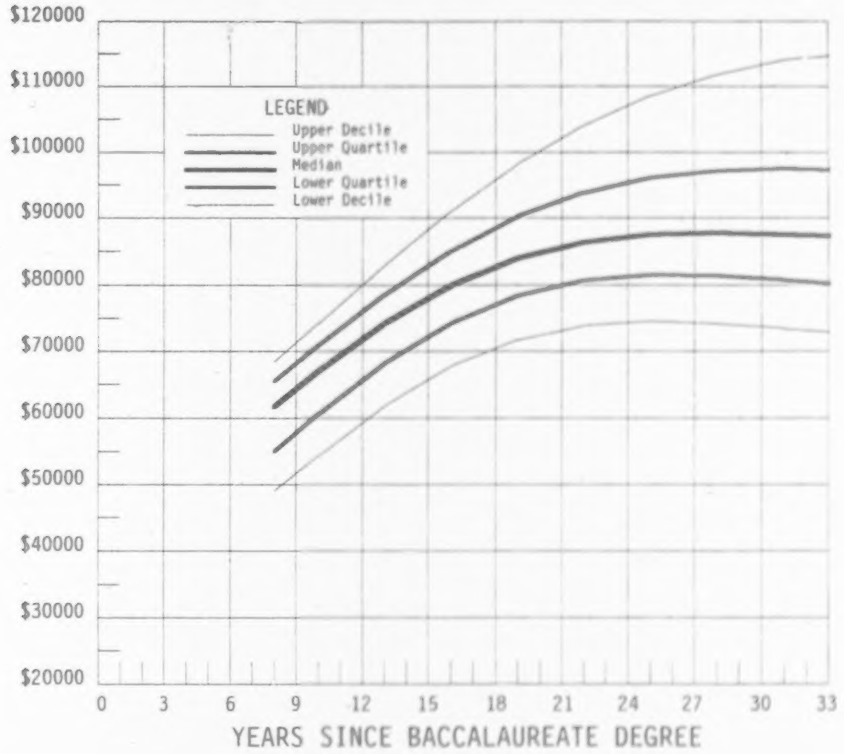
SALARY CURVES FOR ENGINEERS IN RESEARCH & DEVELOPMENT
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: RESEARCH & DEVELOPMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	50600	52950	55350	57750	60250	62700	65200	70100	77250	83700	89350	93900	97450	100000	101700	103700	87450	2.2
Upper Quartile	0	0	47300	49450	51650	53850	56050	58250	60450	64700	70700	75900	80150	83350	85600	87000	87850	88400	74700	2.2
Median	0	0	43950	45950	48000	50000	52000	54000	55950	59700	64700	68800	71800	73750	74850	75300	75300	74650	65750	2.2
Lower Quartile	0	0	38450	40450	42500	44500	46550	48550	50550	54300	59250	63050	65600	67000	67400	67150	66600	65000	56350	2.2
Lower Decile	0	0	34250	36000	37800	39650	41450	43200	45000	48350	52750	56150	58450	59750	60150	60000	59500	58150	48250	2.2
Mean	0	0	43050	45100	47200	49300	51400	53500	55600	59650	65200	69850	73500	76050	77650	78500	78800	78550	67200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	53450	52450	55500	56650	59500	63650	66500	70950	77500	83500	87050	91550	95850	99250	110250	103250	87450	
Upper Quartile	0	0	48350	49150	51150	52900	55700	58650	61850	66000	71250	74800	77750	80850	85500	88350	91100	88750	74700	
Median	0	0	44250	45700	47700	49900	51750	54100	56950	60800	65600	68250	70050	71050	72500	76450	77900	76150	65750	
Lower Quartile	0	0	37950	40800	42800	45150	47150	48900	51000	55000	60200	62200	64000	64700	65750	67650	68100	66800	56350	
Lower Decile	0	0	33200	35300	38950	41100	42600	44650	45600	49500	52800	54800	56350	57450	58550	61400	61650	59800	48250	
Mean	0	0	43850	44950	47650	49500	51700	54100	56550	60550	65700	68950	71350	73350	76550	79800	82050	79500	67200	
Supporting Data																				
Total Number	101	126	235	315	368	544	658	803	893	2740	2719	2352	1820	1643	1514	1288	1101	1560	20778	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	26	27	33	20	110	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	

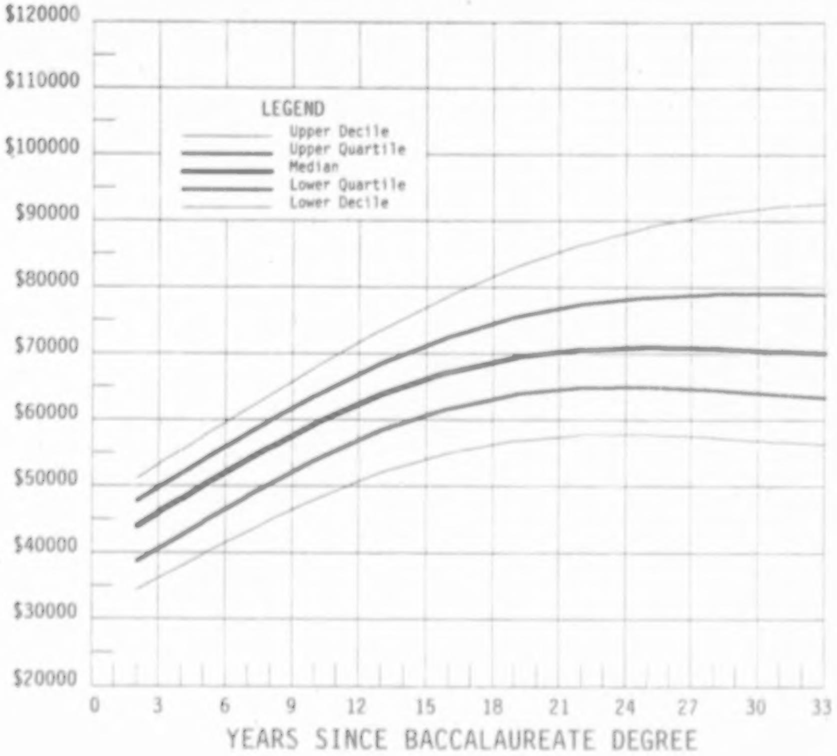
SALARY CURVES FOR ENGINEERS IN RESEARCH & DEVELOPMENT SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: RESEARCH & DEVELOPMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	68400	74300	82950	91050	98150	104050	108600	111850	114050	116500	104250	2.2
Upper Quartile	0	0	0	0	0	0	0	0	65450	70900	78550	85100	90250	93850	96100	97200	97550	97000	90450	2.2
Median	0	0	0	0	0	0	0	0	61700	67050	74250	79950	84000	86400	87550	87800	87550	86600	82750	2.2
Lower Quartile	0	0	0	0	0	0	0	0	55000	60600	68200	74250	78400	80700	81500	81400	80750	79150	75250	2.2
Lower Decile	0	0	0	0	0	0	0	0	49000	54400	61800	67750	71800	73900	74550	74200	73450	71600	67000	2.2
Mean	0	0	0	0	0	0	0	0	59800	65400	73350	80150	85350	88850	90750	91400	91250	89900	84550	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	74000	80000	85150	89650	92800	98950	110000	114050	121050	115150	104250	
Upper Quartile	0	0	0	0	0	0	0	0	70550	75700	80550	84950	86950	90900	93450	94700	105800	98100	90450	
Median	0	0	0	0	0	0	0	0	64800	70550	75800	79300	81650	83800	86500	87550	90350	87900	82750	
Lower Quartile	0	0	0	0	0	0	0	0	52650	64400	69750	74250	76350	77800	80050	81750	82550	80650	75250	
Lower Decile	0	0	0	0	0	0	0	0	44800	58250	64150	68250	69650	69400	72450	76100	75400	72950	67000	
Mean	0	0	0	0	0	0	0	0	61700	70200	75750	79700	82100	84850	89350	91300	95400	91250	84550	
Supporting Data																				
Total Number	1	0	7	7	7	20	12	23	41	185	361	437	420	436	458	441	359	452	3670	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	20	18	22	13	77	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

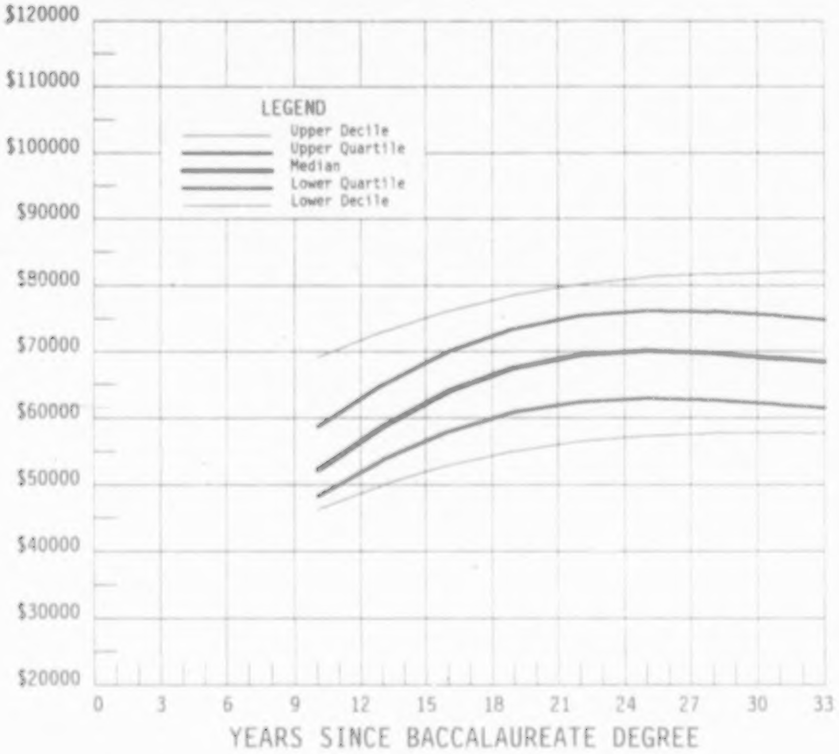
SALARY CURVES FOR ENGINEERS IN RESEARCH & DEVELOPMENT NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: RESEARCH & DEVELOPMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	51150	53250	55350	57450	59550	61650	63750	67850	73600	78700	83000	86450	89100	91000	92250	93750	77750	2.2
Upper Quartile	0	0	47700	49750	51800	53850	55900	57900	59850	63550	68500	72500	75450	77400	78450	78950	79000	78450	70350	2.2
Median	0	0	44000	46000	48050	50050	52000	53950	55800	59300	63800	67250	69450	70650	71050	70850	70400	69650	63300	2.2
Lower Quartile	0	0	38650	40600	42600	44550	46550	48450	50300	53850	58400	61750	63850	64850	64950	64500	63800	62050	54300	2.2
Lower Decile	0	0	34450	36200	38000	39750	41500	43200	44900	48000	52050	55000	56850	57700	57750	57350	56700	55100	47200	2.2
Mean	0	0	43250	45250	47250	49250	51250	53200	55150	58800	63650	67550	70350	72050	72950	73200	73050	72200	63500	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	52300	52350	55250	56000	59300	63250	65700	69700	74350	76650	79200	82150	88850	92550	96100	96800	77750	
Upper Quartile	0	0	48050	49150	51050	52850	55600	58500	61550	65150	69550	71450	73000	73550	75250	79400	82450	81850	70350	
Median	0	0	44150	45800	47700	50000	51700	54100	56800	60350	64550	66550	67650	68550	69100	70700	71800	71500	63300	
Lower Quartile	0	0	37950	41000	42800	45350	47100	48950	50900	54550	59050	60850	61850	62700	63150	64850	65300	64350	54300	
Lower Decile	0	0	32950	35600	38900	41500	42650	44650	45650	49100	51950	53400	54750	55250	55700	58800	59950	56900	47200	
Mean	0	0	43400	45000	47500	49450	51550	54000	56300	59850	64150	66450	68150	69200	71000	73850	75600	74700	63500	
Supporting Data																				
Total Number	101	126	227	308	362	523	645	780	851	2554	2357	1914	1399	1207	1056	847	742	1108	17108	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	11	7	33	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	

SALARY CURVES FOR ENGINEERS IN OTHER NON-MANUFACTURING ALL ENGINEERS, ALL DEGREE LEVELS

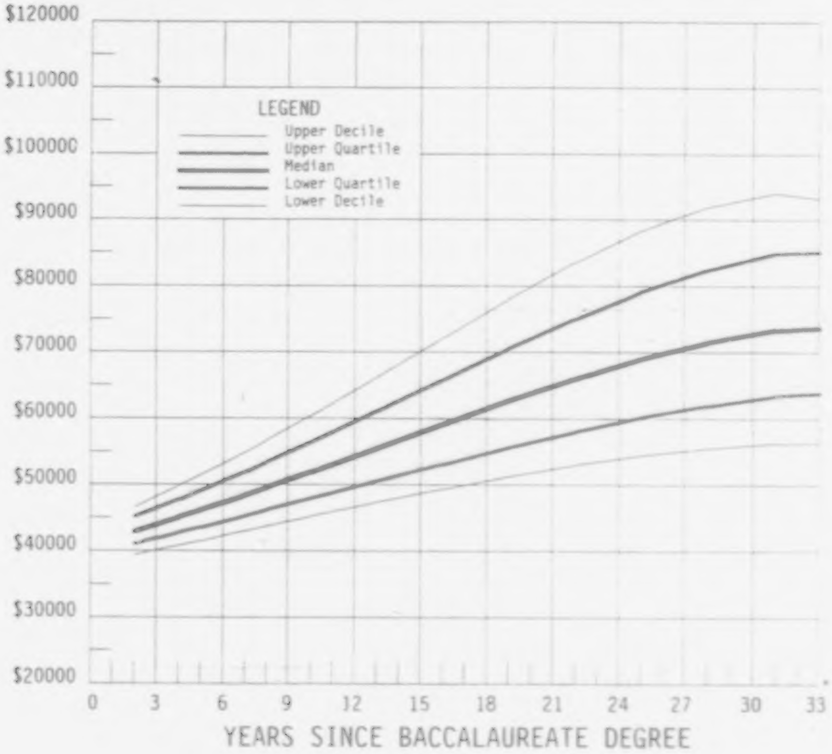


1994 ENGINEERING SALARY STATISTICS: OTHER NON-MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	%
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	0	69100	73050	76200	78600	80200	81250	81750	82000	81950	80300	2.2
Upper Quartile	0	0	0	0	0	0	0	0	0	58600	64950	70000	73500	75500	76200	76050	75400	73450	71500	2.2
Median	0	0	0	0	0	0	0	0	0	52250	58700	63950	67550	69550	70150	69800	68950	66650	63000	2.2
Lower Quartile	0	0	0	0	0	0	0	0	0	48350	53700	57950	60850	62400	62900	62650	62000	60200	54600	2.2
Lower Decile	0	0	0	0	0	0	0	0	0	46400	50000	52950	55100	56550	57350	57700	57750	57400	48450	2.2
Mean	0	0	0	0	0	0	0	0	0	54500	60000	64500	67650	69550	70400	70450	70050	68700	63650	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	0	68800	75400	75600	72800	78600	87650	83150	0	80250	80300	
Upper Quartile	0	0	0	0	0	0	0	0	0	58000	68500	67850	68650	75000	83000	74350	0	72750	71500	
Median	0	0	0	0	0	0	0	0	0	52400	58500	64350	65350	69000	74650	67600	0	66500	63000	
Lower Quartile	0	0	0	0	0	0	0	0	0	48700	52750	59000	60650	59200	66650	63250	0	59500	54600	
Lower Decile	0	0	0	0	0	0	0	0	0	46700	48950	55100	52400	56300	57600	60100	0	56600	48450	
Mean	0	0	0	0	0	0	0	0	0	54550	60600	64550	64250	67600	76650	69900	0	67750	63650	
Supporting Data																				
Total Number	2	1	2	2	2	4	5	9	7	28	23	21	18	24	24	21	9	29	231	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

CURVES AND TABLES FOR GOVERNMENT

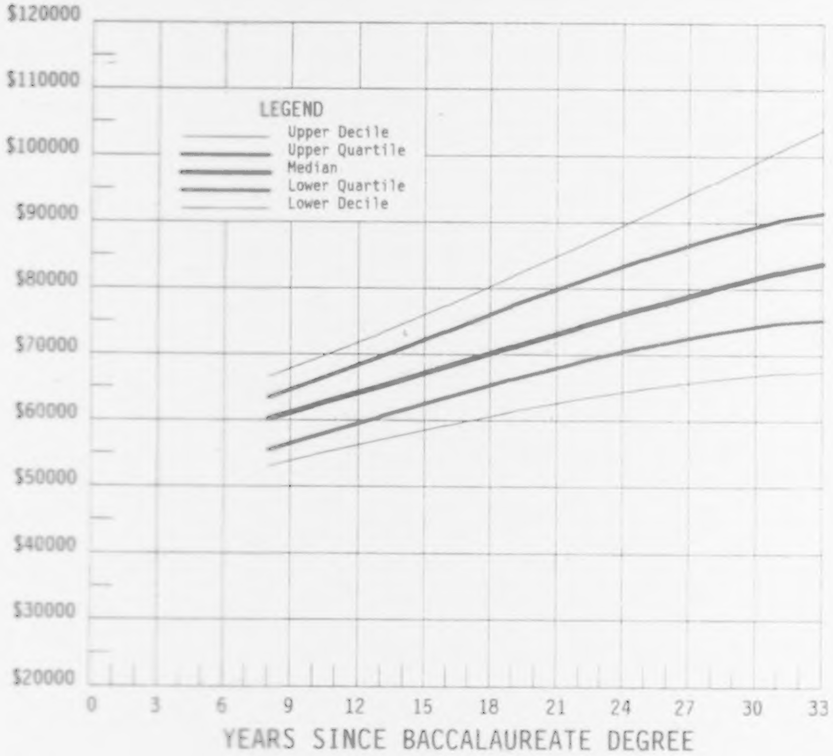
SALARY CURVES FOR ENGINEERS IN FEDERAL GOVERNMENT
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: FEDERAL GOVERNMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	46650	48200	49800	51450	53150	54900	56650	60350	66150	72100	78000	83550	88300	91950	94050	91150	79500	1.2
Upper Quartile	0	0	45100	46400	47700	49100	50500	51900	53350	56350	61050	65800	70500	75000	79050	82400	84850	85600	67250	1.2
Median	0	0	42850	43950	45000	46100	47250	48400	49550	51900	55500	59150	62700	66000	69000	71500	73400	74650	55750	1.2
Lower Quartile	0	0	41000	41850	42700	43550	44400	45250	46150	47900	50550	53150	55650	58000	60150	61950	63400	65050	48450	1.2
Lower Decile	0	0	39350	40050	40800	41500	42250	43000	43750	45200	47350	49400	51300	53000	54450	55550	56350	56450	43800	1.2
Mean	0	0	42900	44000	45100	46300	47450	48650	49850	52350	56150	59950	63650	67100	70200	72700	74500	75150	59150	1.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	40950	46350	48400	51450	54200	55200	58800	62950	67050	71900	77450	79650	82600	87150	92850	94100	79500	
Upper Quartile	0	0	40300	44850	46350	49100	51250	53450	55350	57950	60950	65950	70350	72600	75200	77250	86450	87350	67250	
Median	0	0	39200	41000	44650	46600	48150	49350	52250	53100	55300	57850	62550	64500	65650	68250	76250	75350	55750	
Lower Quartile	0	0	38050	39400	41800	44300	45500	47050	48250	48750	49750	51500	54950	56450	58850	61100	66100	64950	48450	
Lower Decile	0	0	36750	38400	39400	40000	43100	44550	45650	47050	47350	47650	49250	51050	52950	54600	59000	56500	43800	
Mean	0	0	39150	42050	44250	46250	48200	49750	51950	53700	56200	58950	63100	65200	66800	70100	76650	76000	59150	
Supporting Data																				
Total Number	30	48	91	160	188	209	191	256	274	816	462	308	306	251	254	297	363	599	5104	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

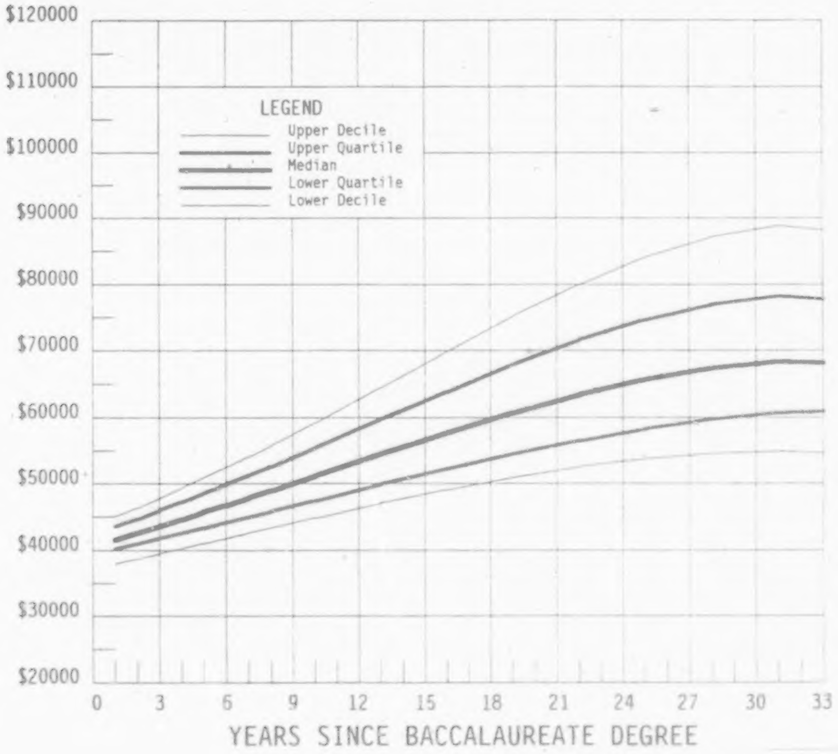
SALARY CURVES FOR ENGINEERS IN FEDERAL GOVERNMENT SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: FEDERAL GOVERNMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	0	0	0	66650	69200	73200	77400	81800	86400	91100	95900	100750	113400	94350	1.2
Upper Quartile	0	0	0	0	0	0	0	0	63350	65850	69650	73500	77350	81050	84500	87650	90350	94800	87050	1.2
Median	0	0	0	0	0	0	0	0	60200	62150	65150	68150	71200	74150	77050	79850	82450	88000	76250	1.2
Lower Quartile	0	0	0	0	0	0	0	0	55550	57550	60550	63450	66300	68900	71250	73250	74850	76650	66850	1.2
Lower Decile	0	0	0	0	0	0	0	0	53150	54700	57050	59250	61350	63250	64850	66200	67250	68050	60300	1.2
Mean	0	0	0	0	0	0	0	0	60200	62250	65400	68600	71750	74850	77800	80600	83150	88150	77850	1.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	0	0	0	63250	68250	75400	80200	82650	83550	87850	93800	104450	112800	94350	
Upper Quartile	0	0	0	0	0	0	0	0	62100	66200	68900	78400	76300	79950	83250	86500	92450	94400	87050	
Median	0	0	0	0	0	0	0	0	60150	62450	65600	68400	70800	72450	76000	77400	86600	87050	76250	
Lower Quartile	0	0	0	0	0	0	0	0	56900	58150	59600	63950	67350	66550	69450	72950	77450	76000	66850	
Lower Decile	0	0	0	0	0	0	0	0	54650	56050	56450	57300	63250	58300	64300	65850	71000	67050	60300	
Mean	0	0	0	0	0	0	0	0	59450	62450	65600	70300	71950	72750	75750	79400	86350	87450	77850	
Supporting Data																				
Total Number	0	0	0	0	0	0	0	4	11	56	66	37	72	65	65	92	143	186	798	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

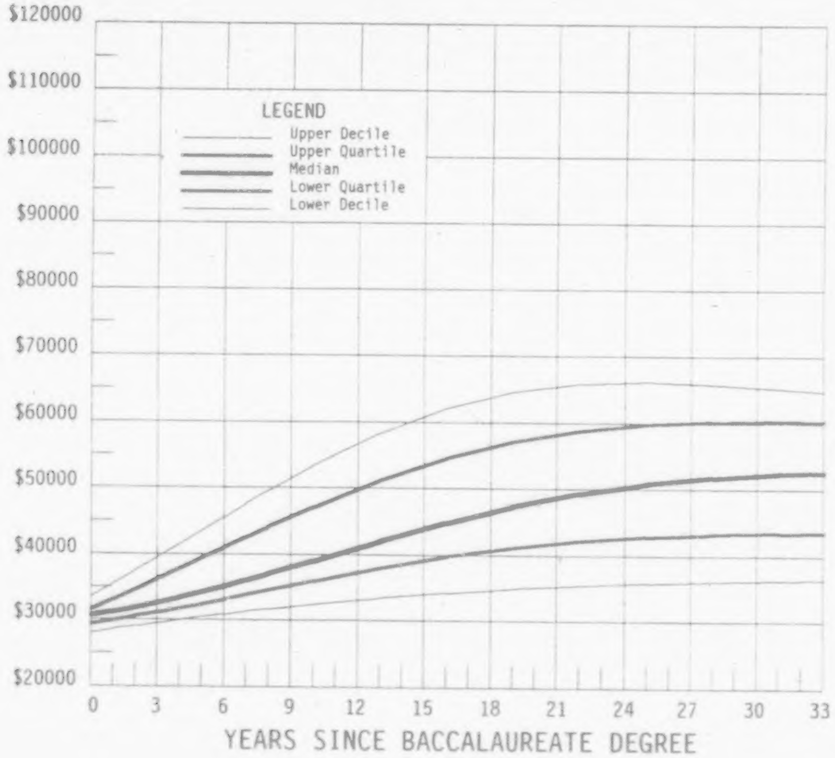
SALARY CURVES FOR ENGINEERS IN FEDERAL GOVERNMENT NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: FEDERAL GOVERNMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	45000	46400	47850	49350	50900	52500	54100	55750	59200	64500	69900	75150	80000	84100	87150	88850	86150	72550	1.2
Upper Quartile	0	43500	44700	46000	47250	48550	49900	51250	52600	55400	59700	63900	67950	71600	74650	76900	78200	76350	62450	1.2
Median	0	41500	42550	43550	44600	45700	46750	47850	48950	51150	54450	57650	60700	63400	65650	67350	68350	67400	53500	1.2
Lower Quartile	0	40150	40950	41750	42550	43350	44200	45000	45800	47450	49900	52250	54450	56500	58250	59700	60700	61350	47600	1.2
Lower Decile	0	37950	38750	39500	40250	41050	41800	42600	43350	44850	47050	49150	50950	52550	53750	54550	54900	53650	42300	1.2
Mean	0	41650	42700	43750	44850	45950	47050	48150	49300	51600	55050	58400	61600	64500	66950	68800	69950	69200	55700	1.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	40450	40950	46350	48400	51450	54200	55100	58100	61400	65250	69850	73800	76750	77850	80400	85250	90600	72550	
Upper Quartile	0	37850	40300	44850	46350	49100	51250	53300	55100	57100	58800	64000	67000	69550	70200	71500	77850	79000	62450	
Median	0	37100	39200	41000	44650	46600	48150	49300	51700	52350	53550	56750	59100	61750	62600	65350	69300	68650	53500	
Lower Quartile	0	36400	38050	39400	41800	44300	45500	47000	48150	48550	49250	50800	52400	54850	56800	58000	63100	61900	47600	
Lower Decile	0	31500	36750	38400	39400	40000	43100	44550	45450	46800	47100	47350	48350	49850	51600	53350	56550	54500	42300	
Mean	0	37700	39150	42050	44250	46250	48200	49650	51600	53050	54650	57400	60350	62550	63700	65950	70350	70800	55700	
Supporting Data																				
Total Number	30	48	91	160	188	209	191	252	263	760	396	271	234	186	189	205	220	413	4306	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

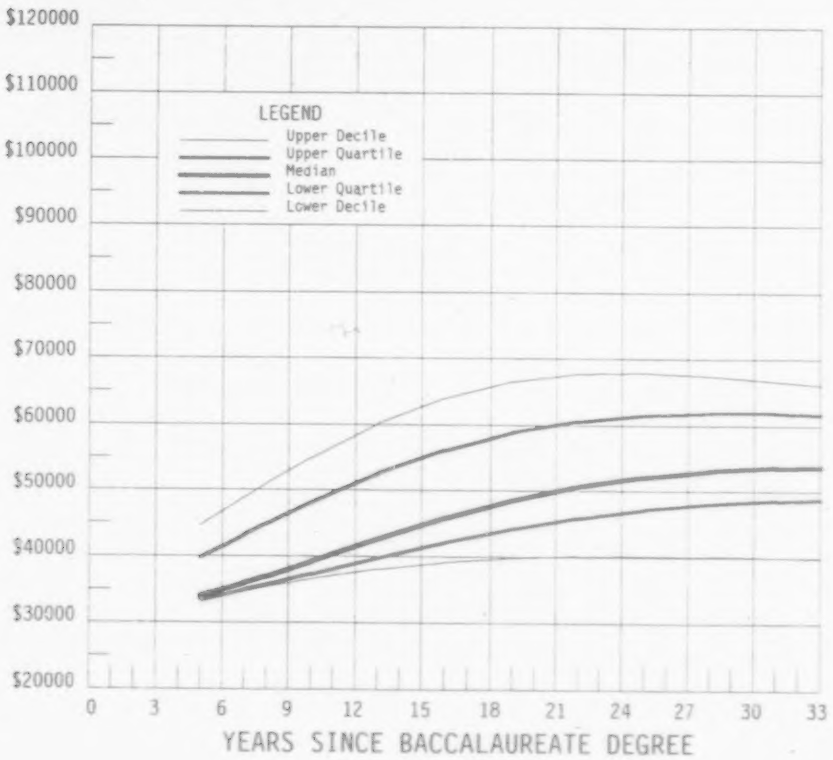
SALARY CURVES FOR ENGINEERS IN STATE GOVERNMENT
ALL ENGINEERS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: STATE GOVERNMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	33600	35500	37450	39450	41500	43550	45600	47600	49600	53350	58300	62150	64650	65900	66250	65900	65250	63550	59900	2.2
Upper Quartile	31500	33050	34600	36200	37800	39400	41000	42550	44100	47100	51150	54500	57050	58750	59800	60250	60400	60100	50450	2.2
Median	30500	31200	31850	32550	33350	34200	35100	36050	37000	39000	42000	44850	47300	49300	50800	51800	52400	52800	38150	4.0
Lower Quartile	29400	29900	30500	31100	31750	32400	33100	33850	34550	36000	38000	39750	41150	42200	42900	43300	43550	43700	34750	4.4
Lower Decile	28050	28550	29050	29550	30000	30450	30900	31300	31700	32450	33450	34300	34950	35450	35900	36200	36400	36700	30650	2.2
Mean	30300	31500	32700	33850	35050	36200	37350	38500	39600	41650	44450	46750	48550	49850	50700	51250	51500	51650	43050	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	33200	34250	38300	40100	40150	46050	48850	45500	51600	53000	58000	61250	63150	64100	65450	66750	63900	65150	59900	
Upper Quartile	31550	32200	35150	35850	37050	40550	45250	37700	46400	47700	50150	53100	58350	58550	58750	62450	60300	60050	50450	
Median	30700	31100	31500	31900	33350	34900	37250	36700	37400	37400	41100	47000	49700	52750	52450	54050	51300	49300	38150	
Lower Quartile	29350	30100	30200	30700	31000	31100	33650	33850	36400	36400	36700	39100	40500	46750	47300	48250	47250	37900	34750	
Lower Decile	26700	27700	27700	30050	30250	30350	32350	32400	33500	33200	29800	34400	35350	37350	32500	41550	37600	36100	30650	
Mean	31050	31350	32750	33600	34350	36250	39100	37050	40500	41200	43550	46250	49450	52150	51200	54450	52250	49800	43050	
Supporting Data																				
Total Number	48	94	103	129	98	132	120	135	128	393	229	142	130	178	140	101	95	267	2662	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	

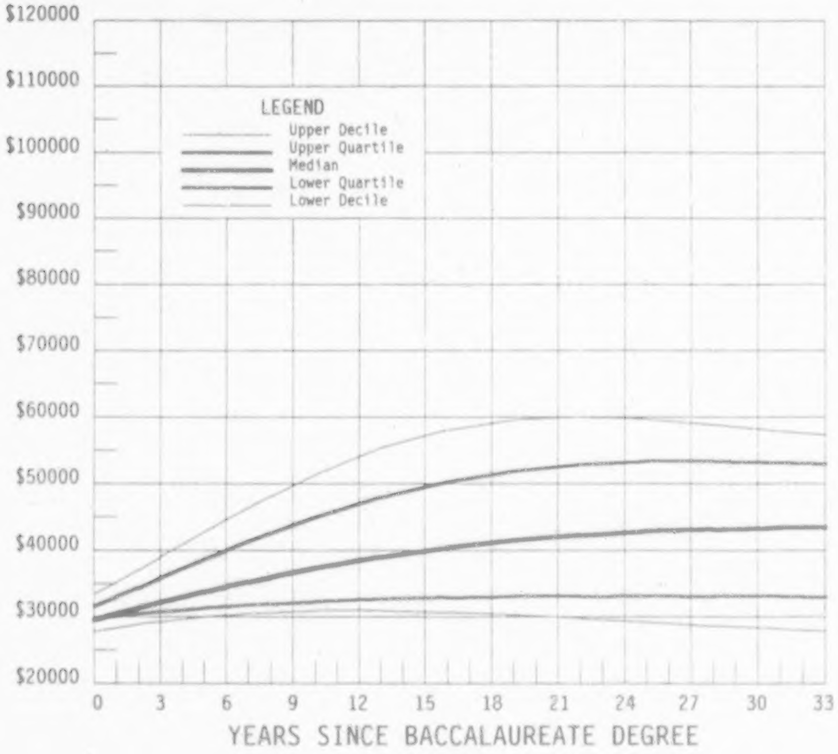
SALARY CURVES FOR ENGINEERS IN STATE GOVERNMENT SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: STATE GOVERNMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	0	0	0	0	0	44600	46750	48850	50950	54900	60100	64000	66550	67750	67950	67500	66700	64750	63000	2.2
Upper Quartile	0	0	0	0	0	39650	41400	43150	44850	48100	52550	56150	58850	60600	61550	61900	61900	61250	56150	2.2
Median	0	0	0	0	0	34050	34950	35950	36950	39150	42550	45750	48500	50650	52150	53100	53650	54000	48250	4.4
Lower Quartile	0	0	0	0	0	33500	34200	34950	35700	37300	39750	42050	44150	45850	47150	48050	48600	49050	37350	3.8
Lower Decile	0	0	0	0	0	33150	33900	34650	35350	36600	38100	39150	39800	40150	40200	40150	40000	39550	36450	2.2
Mean	0	0	0	0	0	37150	38400	39650	40900	43200	46350	48950	50950	52400	53300	53850	54100	54150	48000	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	0	0	0	0	0	48800	50300	47700	52400	55650	59650	62750	63750	65850	66700	67350	65100	67000	63000	
Upper Quartile	0	0	0	0	0	42500	40600	37750	44750	49650	53400	55450	60000	59650	59600	63500	61150	61600	56150	
Median	0	0	0	0	0	37000	37350	37150	37350	37550	40500	48500	52150	54400	53600	55850	52800	50000	48250	
Lower Quartile	0	0	0	0	0	35500	36600	36550	36650	36750	37050	40250	47450	48150	48700	49350	48400	47450	37350	
Lower Decile	0	0	0	0	0	34450	36150	36150	36250	36300	36350	38850	37050	37500	47050	47450	43850	36950	36450	
Mean	0	0	0	0	0	39450	39650	38400	40700	42600	45350	49550	52100	53750	54050	56500	54250	52600	48000	
Supporting Data																				
Total Number	1	2	12	12	10	28	45	63	78	261	145	98	88	143	103	79	69	198	1435	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SALARY CURVES FOR ENGINEERS IN STATE GOVERNMENT
NON-SUPERVISORS, ALL DEGREE LEVELS



1994 ENGINEERING SALARY STATISTICS: STATE GOVERNMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals	Z
Smooth Curve Data																				
Upper Decile	33350	35200	37050	38950	40850	42750	44600	46400	48150	51400	55350	58100	59600	60000	59650	58850	57900	55850	50300	2.2
Upper Quartile	31600	33000	34400	35850	37250	38600	39950	41300	42550	44950	48000	50350	51950	52900	53350	53350	53200	52550	42350	2.2
Median	29600	30500	31300	32150	32950	33750	34500	35250	35950	37300	39000	40400	41500	42300	42850	43200	43400	43600	34150	2.2
Lower Quartile	29850	30150	30500	30800	31050	31300	31550	31800	32000	32300	32700	32950	33100	33150	33200	33150	33100	33000	31000	2.2
Lower Decile	27900	28400	28900	29300	29700	30000	30300	30500	30700	30950	30950	30750	30300	29800	29250	28700	28200	27400	29100	2.2
Mean	30500	31500	32500	33450	34400	35300	36150	37000	37750	39200	40900	42200	43000	43450	43650	43600	43500	43100	37200	2.2
Raw (Unsmoothed) Statistics																				
Upper Decile	32300	33950	36600	40100	40450	45350	48150	43850	50750	50700	52850	53350	61450	55150	61300	61600	61850	56200	50300	
Upper Quartile	31500	32150	34400	35450	37100	40000	45450	37500	47200	43600	48900	43700	52100	53400	55050	54100	54500	52800	42350	
Median	30700	31050	31350	31700	32350	31850	36800	34300	37700	36450	41600	37750	43250	44500	42250	47000	44000	41800	34150	
Lower Quartile	29250	30100	30200	30650	30900	30850	33000	32800	33450	32800	29600	29800	34750	41500	29400	41250	39500	30500	31000	
Lower Decile	26700	27650	27450	29950	30250	30250	32200	32000	32300	30700	28350	28300	29400	35000	27350	36400	27750	26850	29100	
Mean	30600	31200	32000	33350	34350	35400	38750	35900	40150	38400	40400	38950	43950	45600	43200	47100	46800	41700	37200	
Supporting Data																				
Total Number	47	92	91	117	88	104	75	72	50	132	84	44	42	35	37	22	26	69	1227	
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Less Than $22000	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	

APPENDICES:

Copies of the Survey Instruments

Blank Form for Plotting Curves

1994 SALARY SURVEY PARTICIPANTS: INDUSTRY SECTORS

NOTE: EWC has been working for some time to sharpen its system for the assignment of establishments to industrial sectors. One change in 1994 is that our data collection instrument now asks employers for their Industry Code according to the Standard Industrial Classification Manual. This has helped us to better classify participating companies in 1994.

AEROSPACE

Auto Air Composites, Inc., Lansing, Michigan (also classed with Rubber & Plastic)
Contraves Inc., Pittsburgh, Pennsylvania
CTL-Aerospace Inc., Cincinnati, Ohio
Dynamic Controls Corporation, South Windsor, Connecticut (primary classification: Electronic Equipment)
Graef, Anhalt, Schloemer & Associates, Inc., Milwaukee, Wisconsin
Grumman Corporation, Bethpage, New York (also classed with Electronic Equipment)
Litton Instruments & Life Support, Davenport, Iowa (also classed with Electronic Equipment, Precision Instruments)
Lockheed Fort Worth Company, Fort Worth, Texas (also classed with Electronic Equipment)
Teledyne Brown Engineering, Aerospace Group, Huntsville, Alabama

CHEMICALS, DRUGS & PLASTICS

Cook Composites & Polymers Company, North Kansas, Missouri
Dixie Chemical Company, Inc., Houston, Texas
Dow Chemical U.S.A., Midland, Michigan
E.I. Du Pont de Nemours & Company, Wilmington, Delaware
Martin Marietta Utility Services, Inc., Piketon, Ohio
Mobil Corporation, Fairfax, Virginia (primary classification: Petroleum)
Nalco Chemical Company, Naperville, Illinois
Napp Technologies, Lodi, New Jersey
National Starch & Chemical Company, Bridgewater, New Jersey
Scott Specialty Gases, Inc., Plumsteadville, Pennsylvania
Toray Plastics America, Inc., North Kingstown, Rhode Island (primary classification: Rubber & Plastic)

COMMUNICATION

ARINC, Inc., Annapolis, Maryland
GTE Laboratories, Inc., Waltham, Massachusetts (primary classification: Research Organizations)
Lincoln Telephone Company, Lincoln, Nebraska
MCI Communications Corporation, Washington, D.C.
Southwestern Bell Technology Resources, St. Louis, Missouri (also classed with Research Organizations)
U.S. West Technologies, Boulder, Colorado

CONSULTING SERVICES

Boyd, Brown, Stude & Cambern, Chtd., Kansas City, Missouri
Burgess & Niple, Limited, Columbus, Ohio
Centerline Engineering Corporation, Wexford, Pennsylvania
CH2M Hill, Inc., Englewood, Colorado (also classed with Engineering Services)

Clyde E. Williams & Associates, Inc., South Bend, Indiana (also classed with Environmental Services)
Commonwealth Technology, Inc. - Environmental, Lexington, Kentucky (also classed with Environmental Services)
CQ, Inc., Homer City, Pennsylvania (primary classification: Engineering Services)
Creare, Inc., Hanover, New Hampshire (primary classification: Engineering Services)
CSA Engineering, Inc., Palo Alto, California (primary classification: Engineering Services)
Daniel, Mann, Johnson & Mendenhall, Washington, D.C. (also classed with Engineering Services)
De Leuw, Cather & Company, Washington, DC
Disneyland, Anaheim, California
Dynamac Corp., Rockville, Maryland (primary classification: Environmental Services)
Ecology and Environment, Inc., Lancaster, New York (primary classification: Environmental Services)
First Brands Corporation, East Hartford, Connecticut (primary classification: Rubber & Plastic)
Foster-Miller, Inc., Waltham, Massachusetts (primary classification: Research Organizations)
Fugro, Inc., Houston, Texas (also classed with Engineering Services)
Gannett Fleming, Inc., Harrisburg, Pennsylvania
Greeley and Hansen, Chicago, Illinois
Haldor Topsoe, Inc., Houston, Texas (primary classification: Other Durable Goods)
Hardesty & Hanover, New York, New York
Hedges & Roth Engineering, Inc., Bellevue, Washington
Hopper and Associates, Redondo Beach, California (also classed with Engineering Services)
ICF Kaiser Engineers, Inc., Oakland, California (also classed with Environmental Services)
Jacobs Associates, San Francisco, California
Kernan P. Dennis, Electrical Consultant, Seattle, Washington
Kleinfelder, Inc., Las Vegas, Nevada (also classed with Environmental Services)
Lawler, Matusky & Skelby Engineers, Pearl River, New York (also classed with Environmental Services)
Linnhoff March, Inc., Houston, Texas (also classed with Software Engineering)
LRA, Inc., Lexington, Massachusetts (also classed with Precision Instruments, Electronic Equipment)
Nielsen-Wurster Group, Inc., Princeton, New Jersey
PDI Corporation, Annapolis, Maryland (also classed with Electronic Equipment)
Phoenix Consulting Inc., Cincinnati, Ohio (also classed with Other Transportation Equipment, Electronic Equipment)
Port Authority of New York & New Jersey, New York, New York
Re/Spec, Inc., Rapid City, South Dakota (primary classification: Research Organizations)
RMT, Inc., Madison, Wisconsin (also classed with Environmental Services)
Robert H. Fuller & Associates, Inc., Columbus, Ohio
Rushmore Electric Power Cooperative, Rapid City, South Dakota (primary classification: Electric Utilities)
Sargent & Lundy, Chicago, Illinois
Schaaf & Wheeler, San Jose, California (also classed with Engineering Services)
SDRC Engineering Services Division, San Diego, California (primary classification: Engineering Services)
Squier Associates, Inc., Lake Oswego, Oregon
Stanley Consultants, Inc., Muscatine, Iowa
Sverdrup Civil, Inc., White Plains, New York
Sverdrup Corporation, Maryland Height, Missouri
Swales & Associates, Inc., Beltsville, Maryland
The Glosten Associates, Inc., Seattle, Washington (also classed with Engineering Services)
Warzyn Inc., Madison, Wisconsin (also classed with Engineering Services)
Wilson & Company, Albuquerque, New Mexico
Wright-Pierce Engineers, Topsham, Maine (also classed with Environmental Services)

ELECTRIC UTILITIES

Allegheny Power Service Corp., Greensburg, Pennsylvania
Appalachian Power Company, Roanoke, Virginia
Cajun Electric Power Cooperative, Inc., Baton Rouge, Louisiana
Carolina Power & Light Company, Raleigh, North Carolina
Commonwealth Edison Company, Chicago, Illinois
Deseret Generation & Transmission Cooperative, Sandy, Utah
El Paso Electric Company, El Paso, Texas
Electric Power Board of Chattanooga, Chattanooga, Tennessee
Indianapolis Power & Light Company, Indianapolis, Indiana
Minnesota Power, Duluth, Minnesota
Nebraska Public Power District, Columbus, Nebraska
Northern Neck Electric Cooperative, Warsaw, Virginia
Pacific Generation Company, Portland, Oregon
Potomac Edison Company, Hagerstown, Maryland
PSI Energy, Inc., Plainfield, Indiana
Rushmore Electric Power Cooperative, Rapid City, South Dakota (also classed with Consulting Services)
St. Johns River Power Park, Jacksonville, Florida (also classed with Local Government)
Tampa Electric Company, Tampa, Florida
Union Electric Company, St. Louis, Missouri
Upper Peninsula Power Company, Houghton, Michigan
Virginia Power, Richmond, Virginia
Washington Public Power Supply System, Richland, Washington
Wolf Creek Nuclear Operating Corporation, Burlington, Kansas

ELECTRICAL MACHINERY

Allen-Bradley Company, Milwaukee, Wisconsin (primary classification: Electronic Equipment)
Bloom Engineering Company, Inc., Pittsburgh, Pennsylvania (primary classification: Fabricated Metal Products)
Draka Intercable, Franklin, Massachusetts
Dwyer Instruments, Inc., Michigan City, Indiana (primary classification: Precision Instruments)
Hoover Company, North Canton, Ohio
Hydroacoustics, Inc., Rochester, New York (primary classification: Electronic Equipment)
Kenall, Gurnee, Illinois
Maytag and Admiral Products, Newton, Iowa (also classed with Fabricated Metal Products)
Milwaukee Electric Tool Corporation, Brookfield, Wisconsin
S & C Electric Company, Chicago, Illinois

ELECTRONIC EQUIPMENT

Allen-Bradley Company, Milwaukee, Wisconsin (also classed with Electrical Machinery)
AMP, Incorporated, Harrisburg, Pennsylvania (also classed with Fabricated Metal Products)
Amphenol Corporation, Hamden, Connecticut
Andrew Corporation, Orland Park, Illinois
AT&T, Middletown, New Jersey
Belfort Instrument Company, Baltimore, Maryland (primary classification: Precision Instruments)
Cardiac Pacemakers, Inc., St. Paul, Minnesota
Charleswater Division, Desco Industries, Inc., West Newton, Massachusetts (also classed with Rubber & Plastic)

Computational Systems, Inc., Knoxsville, Tennessee (primary classification: Precision Instruments)
Crown International, Inc., Elkhart, Indiana
Dynamic Controls Corporation, South Windsor, Connecticut (also classed with Aerospace)
ECI Systems and Engineering, Inc., Virginia Beach, Virginia
Grumman Corporation, Bethpage, New York (primary classification: Aerospace)
Hach Company, Loveland, Colorado
Hydroacoustics, Inc., Rochester, New York (also classed with Non-Electrical Machinery, Electrical Machinery)
Integrated Measurement Systems, Inc., Beaverton, Oregon
Johnson Controls, Inc., Milwaukee, Wisconsin (also classed with Precision Instruments)
Litton Instruments & Life Support, Davenport, Iowa (primary classification: Aerospace)
Lockheed Fort Worth Company, Fort Worth, Texas (primary classification: Aerospace)
LRA, Inc., Lexington, Massachusetts (primary classification: Consulting Services)
PDI Corporation, Annapolis, Maryland (primary classification: Consulting Services)
Phoenix Consulting Inc., Cincinnati, Ohio (primary classification: Consulting Services)
SFA DataComm, Inc., Frederick, Maryland
Sparton Electronics, Jackson, Michigan
Waters Instruments, Inc., Rochester, Minnesota

ENGINEERING SERVICES

Aquidneck Data Company, Middletown, Rhode Island (also classed with Software Engineering)
Arkwright Mutual Insurance Company, Waltham, Massachusetts (primary classification: Other Non-Manufacturing)
BDM Federal, Inc., McLean, Virginia
CAE-Link Corporation, Houston, Texas (primary classification: Software Engineering)
CH2M Hill, Inc., Englewood, Colorado (primary classification: Consulting Services)
CQ, Inc., Homer City, Pennsylvania (also classed with Consulting Services, Software Engineering)
Creare, Inc., Hanover, New Hampshire (also classed with Consulting Services, Software Engineering)
CSA Engineering, Inc., Palo Alto, California (also classed with Research Organizations, Consulting Services)
Daniel, Mann, Johnson & Mendenhall, Washington, D.C. (primary classification: Consulting Services)
Dewberry & Davis, Fairfax, Virginia
Dynetics, Inc., Huntsville, Alabama (also classed with Software Engineering)
Fugro, Inc., Houston, Texas (primary classification: Consulting Services)
Haldor Topsoe, Inc., Houston, Texas (primary classification: Other Durable Goods)
Hopper and Associates, Redondo Beach, California (primary classification: Consulting Services)
Intermetrics, Inc., Cambridge, Massachusetts (primary classification: Software Engineering)
KRUG Life Sciences Inc., Houston, Texas (primary classification: Research Organizations)
Memorex Telex, Raleigh, North Carolina (primary classification: Research Organizations)
MKI Systems, Springfield, Virginia (also classed with Environmental Services)
Proto-Power Corporation, Groton, Connecticut
Schaaf & Wheeler, San Jose, California (primary classification: Consulting Services)
SDRC Engineering Services Division, San Diego, California (also classed with Consulting Services)
Sigmatech, Inc., Huntsville, Alabama
The Glosten Associates, Inc., Seattle, Washington (primary classification: Consulting Services)
The S.M. Stoller Corporation, Boulder, Colorado (primary classification: Environmental Services)
Warzyn Inc., Madison, Wisconsin (primary classification: Consulting Services)
Westinghouse Electric Corporation, Pittsburgh, Pennsylvania (also classed with Other Durable Goods)
Westinghouse Hanford Company, Richland, Washington (also classed with Environmental Services)

ENVIRONMENTAL SERVICES

Clyde E. Williams & Associates, Inc., South Bend, Indiana (primary classification: Consulting Services)
Commonwealth Technology, Inc. - Environmental, Lexington, Kentucky (primary classification: Consulting Services)
Dynamac Corp., Rockville, Maryland (also classed with Consulting Services)
Ecology and Environment, Inc., Lancaster, New York (also classed with Consulting Services)
ICF Kaiser Engineers, Inc., Oakland, California (primary classification: Consulting Services)
Kleinfelder, Inc., Las Vegas, Nevada (primary classification: Consulting Services)
Lawler, Matusky & Skelby Engineers, Pearl River, New York (primary classification: Consulting Services)
MKI Systems, Springfield, Virginia (primary classification: Engineering Services)
Re/Spec, Inc., Rapid City, South Dakota (primary classification: Research Organizations)
RMT, Inc., Madison, Wisconsin (primary classification: Consulting Services)
The S.M. Stoller Corporation, Boulder, Colorado (also classed with Engineering Services)
W.M. Lyles Company, Fresno, California (primary classification: Other Non-Manufacturing)
Water Environment Federation, Alexandria, Virginia (primary classification: Other Non-Manufacturing)
Westinghouse Hanford Company, Richland, Washington (primary classification: Engineering Services)
Wright-Pierce Engineers, Topsham, Maine (primary classification: Consulting Services)

FABRICATED METAL PRODUCTS

Accuride International, Inc., Santa Fe Springs, California
AMP, Incorporated, Harrisburg, Pennsylvania (primary classification: Electronic Equipment)
Bloom Engineering Company, Inc., Pittsburgh, Pennsylvania (also classed with Electrical Machinery)
Deere and Company, Moline, Illinois
Duo-Fast Corporation, Franklin Park, Illinois
Industrial Tools, Inc., Ojai, California (primary classification: Non-Electrical Machinery)
Manning & Lewis Engineering Co., Inc., Union, New Jersey
Maytag and Admiral Products, Newton, Iowa (primary classification: Electrical Machinery)
Nordyne, St. Louis, Missouri
PMI Food Equipment Group, Troy, Ohio (also classed with Non-Electrical Machinery)
R.D. Werner Company, Inc., Greenville, Pennsylvania
Rodney Hunt Company, Orange, Massachusetts (also classed with Non-Electrical Machinery)
Schramm, Inc., West Chester, Pennsylvania (primary classification: Non-Electrical Machinery)
Smith Berger Marine, Inc., Seattle, Washington (also classed with Other Transportation Equipment)
The Torrington Company, Torrington, Connecticut

GAS UTILITIES

CNG Transmission Corporation, Clarksburg, West Virginia
Dugan Production Corp., Farmington, New Mexico (also classed with Petroleum)
Southern Natural Gas Company, Birmingham, Alabama
St. Lawrence Gas Company, Inc., Massena, New York
Tenneco Gas Company, Houston, Texas
W.M. Lyles Company, Fresno, California (primary classification: Other Non-Manufacturing)
Washington Gas Company, Springfield, Virginia

NON-ELECTRICAL MACHINERY

Automatic Feed Company, Napoleon, Ohio
Crown Cork & Seal Company, Baltimore, Maryland (primary classification: Other Durable Goods)

Crown Iron Works Company, Minneapolis, Minnesota
Energy Industries, Corpus Christi, Texas (primary classification: Other Durable Goods)
FES Inc., Division of Thermo Power Corporation, York, Pennsylvania
Hydroacoustics, Inc., Rochester, New York (primary classification: Electronic Equipment)
Industrial Tools, Inc., Ojai, California (also classed with Fabricated Metal Products)
LifeCore Biomedical, Inc., Chaska, Minnesota (primary classification: Other Durable Goods)
Magnetrol International, Downers Grove, Illinois (primary classification: Other Durable Goods)
Mammoth, Inc., Minneapolis, Minnesota
PMI Food Equipment Group, Troy, Ohio (primary classification: Fabricated Metal Products)
Rodney Hunt Company, Orange, Massachusetts (primary classification: Fabricated Metal Products)
Schramm, Inc., West Chester, Pennsylvania (also classed with Fabricated Metal Products)
South Boston Semiconductor, Inc., Boston, Massachusetts
Universal Dynamics Inc., Woodbridge, Virginia

OTHER DURABLE GOODS

AMSCO International, Inc., Pittsburgh, Pennsylvania
Carpenter Technology Corporation, Reading, Pennsylvania
Colgate-Palmolive Company, Piscataway, New Jersey
Crown Cork & Seal Company, Baltimore, Maryland (also classed with Non-Electrical Machinery)
Energy Industries, Corpus Christi, Texas (also classed with Non-Electrical Machinery)
GAI-Tronics Corporation, Reading, Pennsylvania
Haldor Topsoe, Inc., Houston, Texas (also classed with Consulting Services, Engineering Services)
Interelectric Corporation, Warren, Pennsylvania
John Zink Company, Tulsa, Oklahoma
Kimble Glass, Inc., Vineland, New Jersey
LifeCore Biomedical, Inc., Chaska, Minnesota (also classed with Non-Electrical Machinery)
Lord Corporation, Erie, Pennsylvania (also classed with Rubber & Plastic)
Magnetrol International, Downers Grove, Illinois (also classed with Non-Electrical Machinery)
Martin Marietta Energy Systems, Inc., Oak Ridge, Tennessee
Mearl Corporation, Hartwell, Georgia
Otsuka Electronics USA, Inc., Fort Collins, Colorado
Philips Semiconductors, Sunnyvale, California
Radiation Systems, Inc., Duluth, Georgia
Ralph Wilson Plastics Company, Temple, Texas
Riverside Cement Company, Diamond Bar, California
SJ Electro Systems, Inc., Detroit Lakes, Minnesota
Somatogen, Inc., Boulder, Colorado
SSE Technologies, Inc., Fremont, California
U.S. Reduction Company, Munster, Indiana
Westinghouse Electric Corporation, Pittsburgh, Pennsylvania (primary classification: Engineering Services)

OTHER NON-MANUFACTURING

Aeromet, Inc., Tulsa, Oklahoma
Allendale Mutual Insurance Company, Johnston, Rhode Island
American Society of Agricultural Engineers, St. Joseph, Michigan
Arkwright Mutual Insurance Company, Waltham, Massachusetts (also classed with Engineering Services)
Automatic Data Processing, Inc., Roseland, New Jersey
Hackensack Water Company, Harrington Park, New Jersey
International Conference of Building Officials, Whittier, California

North Jersey District Water Supply Commission, Wanaque, New Jersey (also classed with Local Government)
W.M. Lyles Company, Fresno, California (also classed with Gas Utilities)
Water Environment Federation, Alexandria, Virginia (also classed with Environmental Services)

PAPER PRODUCTS

Arkwright Inc., Fiskeville, Rhode Island
Consolidated Papers, Inc., Wisconsin Rapid, Wisconsin
James River Corporation, Naheola Mill, Pennington, Alabama
Kimberly-Clark Corporation, Dallas, Texas
UARCO, Inc., Barrington, Illinois

PETROLEUM

Burk Royalty Co., Wichita Falls, Texas
Dugan Production Corp., Farmington, New Mexico (primary classification: Gas Utilities)
Exxon Research & Engineering Company, Florham Park, New Jersey (primary classification: Research Organizations)
Mobil Corporation, Fairfax, Virginia (also classed with Chemicals, Drugs & Plastics)
Pennzoil Company, Houston, Texas
Total Petroleum, Inc., Denver, Colorado

PRECISION INSTRUMENTS

Belfort Instrument Company, Baltimore, Maryland (also classed with Electronic Equipment)
Computational Systems, Inc., Knoxville, Tennessee (also classed with Electronic Equipment)
Dwyer Instruments, Inc., Michigan City, Indiana (also classed with Electrical Machinery)
Environment/One Corporation, Schenectady, New York
Johnson Controls, Inc., Milwaukee, Wisconsin (primary classification: Electronic Equipment)
Litton Instruments & Life Support, Davenport, Iowa (primary classification: Aerospace)
LRA, Inc., Lexington, Massachusetts (primary classification: Consulting Services)
Wilcoxon Research, Inc., Gaithersburg, Maryland (also classed with Research Organizations)
Zellweger Uster, Inc., Knoxville, Tennessee

RESEARCH ORGANIZATIONS

Alphatech Inc., Burlington, Massachusetts
Associated Universities, Inc., National Radio Astronomy Observatory, Charlottesville, Virginia
AT&T Bell Laboratories, Middletown, New Jersey
Autoresearch Laboratories, Inc., Chicago, Illinois
Brookhaven National Laboratory, Upton, New York
CFD Research Corp., Huntsville, Alabama (also classed with Software Engineering)
CSA Engineering, Inc., Palo Alto, California (primary classification: Engineering Services)
ERIM, Ann Arbor, Michigan
Exxon Research & Engineering Company, Florham Park, New Jersey (also classed with Petroleum)
Fermi National Accelerator Laboratory, Batavia, Illinois
Foster-Miller, Inc., Waltham, Massachusetts (also classed with Consulting Services)
GTE Laboratories, Inc., Waltham, Massachusetts (also classed with Communication)
IAP Research Inc., Dayton, Ohio
Institute for Defense Analyses, Alexandria, Virginia
Institute of Gas Technology, Chicago, Illinois

KRUG Life Sciences Inc., Houston, Texas (also classed with Engineering Services)
Lanxide Corporation, Newark, Delaware
Lawrence Livermore National Lab, Livermore, California
Memorex Telex, Raleigh, North Carolina (also classed with Engineering Services)
Michigan Biotechnology Institute, Lansing, Michigan
NEC Research Institute, Inc., Princeton, New Jersey
New Mexico Engineering Research Institute, Albuquerque, New Mexico
RAND Corporation, Santa Monica, California
Re/Spec, Inc., Rapid City, South Dakota (also classed with Environmental, Consulting Services)
Sandia National Laboratories, Albuquerque, New Mexico
Sandia National Laboratories, California Division, Albuquerque, New Mexico
Southwestern Bell Technology Resources, St. Louis, Missouri (primary classification: Communication)
Systems Research Laboratories, Inc., Dayton, Ohio
University of Dayton Research Institute, Dayton, Ohio
Wilcoxon Research, Inc., Gaithersburg, Maryland (primary classification: Precision Instruments)

RUBBER & PLASTIC

Ameripol Synpol Corporation, Port Neches, Texas
Auto Air Composites, Inc., Lansing, Michigan (primary classification: Aerospace)
Charleswater Division, Desco Industries, Inc., West Newton, Massachusetts (primary classification: Electronic Equipment)
First Brands Corporation, East Hartford, Connecticut (also classed with Consulting Services)
Lord Corporation, Erie, Pennsylvania (primary classification: Other Durable Goods)
Mattel Toys, Inc., El Segundo, California
Toray Plastics America, Inc., North Kingstown, Rhode Island (also classed with Chemicals, Drugs & Plastics)

SOFTWARE ENGINEERING

Aquidneck Data Company, Middletown, Rhode Island (primary classification: Engineering Services)
CAE-Link Corporation, Houston, Texas (also classed with Engineering Services)
CFD Research Corp., Huntsville, Alabama (primary classification: Research Organizations)
CQ, Inc., Homer City, Pennsylvania (primary classification: Engineering Services)
Creare, Inc., Hanover, New Hampshire (primary classification: Engineering Services)
Dynetics, Inc., Huntsville, Alabama (primary classification: Engineering Services)
Intermetrics, Inc., Cambridge, Massachusetts (also classed with Engineering Services)
Linnhoff March, Inc., Houston, Texas (primary classification: Consulting Services)
Simulation Sciences, Inc., Fullerton, California

TRANSPORTATION EQUIPMENT

Baldwin Filters, Kearney, Maine
Dana Corporation, Spicer Transmission Division, Toledo, Ohio
General Motors Corporation, Detroit, Michigan
Newport News Shipbuilding, Newport News, Virginia
Phoenix Consulting Inc., Cincinnati, Ohio (primary classification: Consulting Services)
Smith Berger Marine, Inc., Seattle, Washington (primary classification: Fabricated Metal Products)
Textron Marine & Land Systems, New Orleans, Louisiana

FEDERAL GOVERNMENT

Internal Revenue Service, Chicago, Illinois
NASA, Goddard Space Flight Center, Greenbelt, Maryland
USN, Naval Air Warfare Center, Patuxent River, Maryland
USN, Philadelphia Naval Shipyard, Philadelphia, Pennsylvania
USN, Department of the Navy, Twentynine Palm, California
U.S. Department of Energy, Washington, D.C.
U.S. Forest Service, Angeles National Forest, Arcadia, California

STATE GOVERMENT

California Public Utilities Commission, San Francisco, California
Chesapeake Bay Local Assistance Department, Richmond, Virginia
Delaware Department of Natural Resources & Environmental Control, Dover, Delaware
New Jersey State Department of Environmental Protection & Energy, Trenton, New Jersey
Ohio Department of Transportation, Columbus, Ohio
State of Maine, Bureau of Human Resources, Augusta, Maine
Texas Department of Transportation, Austin, Texas
Vermont Agency of Transportation, Montpelier, Vermont

LOCAL GOVERNMENT

City of St. Paul, Public Works Department, St. Paul, Minnesota
County Sanitation Districts of Orange County, Fountain Valley, California
Johnson County Unified Wastewater Districts, Overland Park, Kansas
Milwaukee County, Milwaukee, Wisconsin
North Jersey District Water Supply Commission, Wanaque, New Jersey (primary classification: Other Non-Manufacturing)
St. Johns River Power Park, Jacksonville, Florida (primary classification: Electric Utilities)

ENGINEERING WORKFORCE COMMISSION
(FORMERLY THE ENGINEERING MANPOWER COMMISSION)
OF THE AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES

EWC
AAES

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1111 19th Street, N.W.
Washington, D.C. 20036-3690
(202) 296-2237
(202) 296-1151 (FAX)

Richard A. Ellis
Director of Research, AAES

January, 1994

Dear Colleague:

The Engineering Workforce Commission is a non-profit organization in its 5th decade of service to the engineering community. Our compensation surveys have been used for years as authoritative benchmarks for industry, government agencies, educational institutions, the press, engineering students and others. In the last eight years, our coverage has increased by more than 75 percent, to over 110,000 engineers in industry and over 10,000 in government. At the same time, the content of the survey has been expanded, and production accelerated.

Enclosed are the forms for the Engineering Workforce Commission's 28th survey of the salaries of engineers. Your participation is of great value both to industry and to engineers. As in the past, all participants will receive a **free** copy of the "Engineering Salaries - 1994" issue of the ***Engineering Workforce Bulletin***, a six-page publication containing tables, graphs and text reporting the general results of the survey. The *Bulletin* is normally sold for $14. Participants will also be entitled to a 40% discount in the prices of our detailed reports.

NOTE: Forms will be entered between January 15 and April 30, 1994. Please phone Dave Galoppo at (202) 296-2237 if you have any questions. Last year printed reports from this project on the salaries of over 125,000 engineers were released in mid-July; with your help, we can provide the results for 1994 by the end of June.

Thanks to organizations such as yours, the utility and popularity of the EWC surveys continues to grow. We hope that this year our results will include your input.

Best Regards,

R. A. Ellis
Director, Research

PROFESSIONAL INCOME OF ENGINEERS - 1994

A Survey Conducted by the
ENGINEERING WORKFORCE COMMISSION
American Association of Engineering Societies, Inc.
(202) 296-2237

DATA ENTRY BEGINS JAN. 15
Phone reminders to our recent/regular participants will begin in March.
Please call if you can not return the forms by APRIL 30, 1994.

FORM A - to be used with Form B
Questionnaire Form for Engineering Graduates in NON-SUPERVISORY Positions Only

PLEASE CONSIDER SENDING IN YOUR DATA ON A FLOPPY DISK. See the instructions on the last page of this form for more information. If your organization employs no more than 50 engineers, you may elect to use the optional Form "C." Otherwise, complete this form **and** Form "B," as follows:

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EWC.
   - A. Please give the name of your organization: ____________________
   - B. Are you reporting for the **entire organization** or just a part of it? *Check one:* ☐ Entire organization ☐ Division or other part of the organization
   - C. If the data you provide is for a division or other part of the organization, please enter division name: ____________________
   - D. **Is the mailing label correct?** (This person receives the survey forms and participant's bulletin.) If not, make corrections on the label.
   - E. Enter ADDRESSEE'S phone number: ____________________
   - F. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here: ____________________
2. EWC collects data on BASE SALARY ONLY. What PERCENTAGE of the NON-SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in **1993**? Rough estimates are okay; if none, please enter a zero; if you don't know, enter "DK": ____________
3. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography:
   - A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: ____________
   - B. Total number of NON-SUPERVISORY engineers reported on this Form A: ____________
   - C. List the states in which these engineers are employed **and the approximate percentage of engineers working in that state,** for the purpose of regional salary differences: ____________________
   - D. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: ____________ . . . and the REASON for omission: ____________
   - E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe your organization (see categories below). **NOTE: New categories have been added.** Number for Primary Area: ____________ Number for Secondary Area: ____________
     IN ADDITION, please specify the nature of your organization in more detail (e.g., "Biomedical Consulting" or "Optical Instrument Manufacturer").
     If you know your Standard Industrial Classification Code, enter that number as well: ____________

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:

31 Aerospace
37 Automotive
51 Ceramic Products: Stone, Clay, Glass, Cement
11 Chemicals, Drugs, Plastics
27 Computer Hardware/Software
21 Electrical Machinery and Equipment
26 Electronic Equipment
52 Food Products
34 Instruments (precision)
56 Lumber & Wood Products
59 Other Manufacturing: Specific Product(s): ____________
36 Machinery (other than electrical)
42 Metal Products, Fabricated
41 Metals, Basic
53 Paper Products
18 Petroleum
46 Railroad Equipment
55 Rubber & Plastic
38 Shipbuilding
54 Textile Products
32 Other Transportation Equipment

NON-MANUFACTURING, BY SERVICE AREA:

88 Business, Trade, Publishing
81 Communication Services
68 Construction
71 Consultants, Engineering & Architectural
72 Engineering Services, Other: Specify: ____________
73 Environmental Services
75 Software Engineering
61 Mining
74 Research Organizations/Laboratories
84 Transportation Services
86 Electric Utilities (including mixed)
87 Gas Utilities & Pipelines
89 Other Non-Manufacturing, Specify: ____________

GOVERNMENT AGENCIES, BY LEVEL:

01 Federal
02 State
03 Local

OTHER NON PROFIT INSTITUTIONS:

94 Professional Societies
95 Other Non Profit Institution: Specify: ____________

ALL OTHERS:

96 Specify nature of organization: ____________

COMPLETE THE INSIDE PAGES OF THIS FORM.
ALSO COMPLETE FORM B. RETURN THE FORMS TO:

ENGINEERING WORKFORCE COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
1111 19th St., N.W., Suite 608, WASHINGTON, D.C. 20036-3690

A Business Reply Envelope is provided for your convenience.
Note: Different Zip Code for Business Reply.

DEADLINE: APRIL 30, 1994. Data entry begins JANUARY 15. Your prompt response will help us release the results by June 1994.

FORM A PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

IMPORTANT - please read carefully before filling out form. Do NOT enter salary amounts; enter the number of persons in the salary-and-experience bracket. See sample form on the last page.

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest ENGINEERING degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row — **note that some brackets include a wider salary range than others.** Separate sections of the form are set aside for each degree level — bachelor, master, or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their **year of graduation with bachelor's degree,** to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1993 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1994 should be combined with that for 1993 graduates. See the sample filled-out form for an illustration.

SALARY - should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1994.

NON-SUPERVISORY ENGINEERS - should include all engineering graduates whose duties are NOT primarily supervisory or managerial. It is recognized that the precise definition of this group will vary somewhat from company to company. **Please include non-supervisory engineering graduates who are currently in non-technical positions.** If any engineering graduates must be omitted, please describe on line 2D on the first page of this form. **Do not report part-time employees.**

	ANNUAL SALARY		* YEAR OF ENGINEERING BACCALAUREATE DEGREE (OR AGE)																		
	Employees Whose Highest ENGINEERING Degree is a Bachelor's		1993 (23)	1992 (24)	1991 (25)	1990 (26)	1989 (27)	1988 (28)	1987 (29)	1986 (30)	1985 (31)	1982-1984 (32-34)	1979-1981 (35-37)	1976-1978 (38-40)	1973-1975 (41-43)	1970-1972 (44-46)	1967-1969 (47-49)	1964-1966 (50-52)	1961-1963 (53-55)	UP TO 1960 (56+)	
101	$125,000 & over																				101
102	$100,000-124,999	$5,000 intervals																			102
103	$95,000-99,999																				103
104	$90,000-94,999																				104
105	$85,000-89,999																				105
106	$80,000-84,999																				106
107	$76,000-79,999	$4,000 intervals																			107
108	$72,000-75,999																				108
109	$68,000-71,999																				109
110	$64,000-67,999																				110
111	$60,000-63,999																				111
112	$56,000-59,999																				112
113	$53,000-55,999	$3,000 intervals																			113
114	$50,000-52,999																				114
115	$47,000-49,999																				115
116	$44,000-46,999																				116
117	$41,000-43,999																				117
118	$38,000-40,999																				118
119	$36,000-37,999	$2,000 intervals																			119
120	$34,000-35,999																				120
121	$32,000-33,999																				121
122	$30,000-31,999																				122
123	$28,000-29,999																				123
124	$26,000-27,999																				124
125	$24,000-25,999																				125
126	$22,000-23,999																				126
127	Less than $22,000																				127

Employees Whose Highest ENGINEERING Degree is a Master's. Group employees under year when B.S. DEGREE was obtained. If this date is unknown, group by employee's AGE.

201	$125,000 & over																				201
202	$100,000-124,999	$5,000 intervals																			202
203	$95,000-99,999																				203
204	$90,000-94,999																				204
205	$85,000-89,999																				205
206	$80,000-84,999																				206
207	$76,000-79,999	$4,000 intervals																			207
208	$72,000-75,999																				208
209	$68,000-71,999																				209
210	$64,000-67,999																				210
211	$60,000-63,999																				211
212	$56,000-59,999																				212
213	$53,000-55,999	$3,000 intervals																			213
214	$50,000-52,999																				214
215	$47,000-49,999																				215
216	$44,000-46,999																				216
217	$41,000-43,999																				217
218	$38,000-40,999																				218
219	$36,000-37,999	$2,000 intervals																			219
220	$34,000-35,999																				220
221	$32,000-33,999																				221
222	$30,000-31,999																				222
223	$28,000-29,999																				223
224	$26,000-27,999																				224
225	$24,000-25,999																				225
226	$22,000-23,999																				226
227	Less than $22,000																				227

NOTE: Use extra caution in filling shaded areas. Ordinarily no employees are reported in these parts of the form.

Employees Whose Highest ENGINEERING Degree is a Doctor's. Group employees under year when B.S. DEGREE was obtained. If this date is unknown, group by employee's AGE.

301	$125,000 & over																				301
302	$100,000-124,999	$5,000 intervals																			302
303	$95,000-99,999																				303
304	$90,000-94,999																				304
305	$85,000-89,999																				305
306	$80,000-84,999																				306
307	$76,000-79,999	$4,000 intervals																			307
308	$72,000-75,999																				308
309	$68,000-71,999																				309
310	$64,000-67,999																				310
311	$60,000-63,999																				311
312	$56,000-59,999																				312
313	$53,000-55,999	$3,000 intervals																			313
314	$50,000-52,999																				314
315	$47,000-49,999																				315
316	$44,000-46,999																				316
317	$41,000-43,999																				317
318	$38,000-40,999																				318
319	$36,000-37,999	$2,000 intervals																			319
320	$34,000-35,999																				320
321	$32,000-33,999																				321
322	$30,000-31,999																				322
323	$28,000-29,999																				323
324	$26,000-27,999																				324
325	$24,000-25,999																				325
326	$22,000-23,999																				326
327	Less than $22,000																				327

NOTE: Use extra caution in filling shaded areas. Ordinarily no employees are reported in these parts of the form.

GENERAL INSTRUCTIONS:

There are three possible ways to respond:

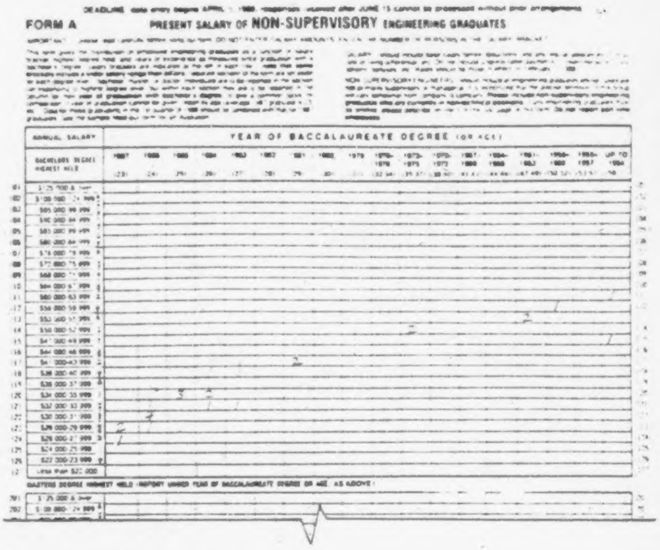
1. It may be possible to easily access your organization's data records to produce a machine-readable file for a common IBM-standard personal computer. See below for further instructions. Don't forget that we must have a copy of page one of the questionnaire, or its equivalent in information on a floppy disk, in order to process the data! EWC much prefers this form of response, as it is faster, more accurate, and ultimately much more convenient for all parties.

2. If your organization has NO MORE THAN 50 engineering graduates, you can choose to simply list them (no names, please) one-by-one on the optional Form C. PLEASE: do not use Form C to report more than 50 engineers. Make up a floppy-based response instead (most word processors will do the job easily — just make sure to save the work as an ASCII "non-document" file), or use Forms A and B.

3. The traditional method is to use EWC's matrix-style Forms A and B. Be sure to complete ALL of the items on page 1 of these forms (you need not duplicate your responses, but NOTE: EACH FORM MUST INCLUDE SEPARATE REPLIES TO QUESTIONS #2, #3B, AND #3D). See the sample of a completed Form A (top third only) at the right.

Whatever approach you use, check your responses carefully before returning them to EWC. EWC welcomes inquiries from participants and will provide help for respondents. Call us at the number listed at the top of Page 1 of the form.

Example of a completed Form A (from the 1988 survey)



FORM A

PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

ANNUAL SALARY

YEAR OF BACCALAUREATE DEGREE

EWC POLICY REGARDING SALARY SURVEY PARTICIPANTS

It is our policy to list the names of the organizations participating in our salary surveys, by sector, so that users will be able to ascertain whether a particular industry group is representative of their own. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Company identifications are used only for the purpose of maintaining EWC'S mailing lists and are not entered with the salary data files in our computer. No sector is formed unless at least five responding organizations can be included.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

3. If a single employer's responses account for more than half of the number of data points — engineers — reported for any group, weighting procedures are used to prevent that employer's information from unduly dominating the statistics for the group.

4. At least 200 engineers must be represented in any data set for engineers in industry or government before statistics for the group will be published.

5. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

6. EWC does not obtain the names of individual engineers represented by the data. The only names collected are those of the addressees and other contact persons used for our mailing lists, and these names are not published or disclosed.

7. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

SPECIAL INSTRUCTIONS FOR ORGANIZATIONS PROVIDING SALARY DATA ON FLOPPY DISK MEDIA

EWC strongly encourages its salary survey participants to respond by submitting machine-readable files. In 1993, data on over 62,000 engineers were reported in this fashion. Media must be in the form of standard 3½" or 5 ¼" floppy diskettes. We use MS-DOS. We can also handle most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). YOU MUST ALSO ENCLOSE A COMPLETED COPY OF PAGE 1 OF THE QUESTIONNAIRE (FORM C IS SUGGESTED), TO PROVIDE YOUR ORGANIZATION'S ID AND CLASSIFICATION DATA. Alternatively, you may provide an ASCII text file on the disk with your responses to the page 1 questions. (Note that some items need separate responses for both supervisors and non-supervisors.) Without these data, your response cannot be processed. Give any such text file the name "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a carriage return/line feed combination—the "enter" or "return" key on most systems. Don't forget to use the "enter" or "return" after the last line of data.

3. The contents of each line should be as follows:

- Character 01: either S or N, for Supervisor or Nonsupervisor.
- Character 02: always a comma.
- Character 03: B, M, or P, for Bachelor, Masters, or Ph.D. degree. If degree is unknown or there is no degree, a B.S. equivalent will be assumed.
- Character 04: always a comma.
- Character 05-06: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).
- Character 07: always a comma.
- Characters 08-09: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EWC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).
- Character 10: always a comma.
- Characters 11-16: six digits for annual salary, RIGHT-JUSTIFIED and zero-filled. Leading blanks will be treated as zeros. An "enter" or "return" must follow the entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are engineers reported. On your enclosed Form "C" or in the added SALARY.INF text file, PLEASE SPECIFY THE TOTAL NUMBER OF ENGINEERS REPORTED BY YOUR COMPANY. Comparison of your counts with our own totals is one of several elementary quality control checks employed by EWC.

5. LABEL your diskette with AT LEAST the following information: your organization's name, the particular diskette format used (we will assume DOS if no other information is provided), and the identifier "94EWCSAL".

PROFESSIONAL INCOME OF ENGINEERS - 1994

A Survey Conducted by the

ENGINEERING WORKFORCE COMMISSION

American Association of Engineering Societies, Inc.

(202) 296-2237

DATA ENTRY BEGINS JAN. 15
Phone reminders to our recent/regular participants will begin in March.
Please call if you can not return the forms by APRIL 30, 1994.

FORM B - to be used with Form A

Questionnaire Form for Engineering Graduates in SUPERVISORY Positions Only

PLEASE CONSIDER SENDING IN YOUR DATA ON A FLOPPY DISK. See the instructions on the last page of this form for more information. If your organization employs no more than 50 engineers, you may elect to use the optional Form "C." Otherwise, complete form A, then complete this form. NOTE: Items 2, 3B and 3D require SEPARATE answers on BOTH forms. If you have answered all other questions on Form A, you need not repeat that information here.

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EWC.
   A. Please give the name of your organization: ______________________
   B. Are you reporting for the **entire organization** or just a part of it? *Check one:* ☐ Entire organization ☐ Division or other part of the organization
   C. If the data you provide is for a division or other part of the organization, please enter division name: ______________________
   D. **Is the mailing label correct?** (This person receives the survey forms and participant's bulletin.) If not, make corrections on the label.
   E. Enter ADDRESSEE'S phone number: ______________________
   F. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here:
   ____

2. EWC collects data on BASE SALARY ONLY. What PERCENTAGE of the SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in 1993? Rough estimates are okay; if none, please enter a zero; if you don't know, enter "DK": ______________

3. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography:
   A. Total number of ALL **employees** in organization/unit, to measure organization's size *(approximations are okay):* ______________
   B. Total number of SUPERVISORY engineers reported on this Form B: ______________
   C. List the states in which these engineers are employed **and the approximate percentage of engineers working in that state,** for the purpose of regional salary differences:
   ____
   D. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees:
   ______________ . . . and the REASON for omission: ______________________
   E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe your organization (see categories below). **NOTE: New categories have been added.** Number for Primary Area: ______________ Number for Secondary Area: ______________
   IN ADDITION, please specify the nature of your organization in more detail (e.g., "Biomedical Consulting" or "Optical Instrument Manufacturer").
   If you know your Standard Industrial Classification Code, enter that number as well: ______________________

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:

31 Aerospace
37 Automotive
51 Ceramic Products: Stone, Clay, Glass, Cement
11 Chemicals, Drugs, Plastics
27 Computer Hardware/Software
21 Electrical Machinery and Equipment
26 Electronic Equipment
52 Food Products
34 Instruments (precision)
56 Lumber & Wood Products
59 Other Manufacturing: Specific Product(s): ______________________
36 Machinery (other than electrical)
42 Metal Products, Fabricated
41 Metals, Basic
53 Paper Products
18 Petroleum
46 Railroad Equipment
55 Rubber & Plastic
38 Shipbuilding
54 Textile Products
32 Other Transportation Equipment

NON-MANUFACTURING, BY SERVICE AREA:

88 Business, Trade, Publishing
81 Communication Services
68 Construction
71 Consultants, Engineering & Architectural
72 Engineering Services, Other: Specify: ______________
73 Environmental Services
75 Software Engineering
61 Mining
74 Research Organizations/Laboratories
84 Transportation Services
86 Electric Utilities (including mixed)
87 Gas Utilities & Pipelines
89 Other Non-Manufacturing, Specify:
____

GOVERNMENT AGENCIES, BY LEVEL:

01 Federal
02 State
03 Local

OTHER NON PROFIT INSTITUTIONS:

94 Professional Societies
95 Other Non Profit Institution: Specify: ______________

ALL OTHERS:

96 Specify nature of organization:
____
____

COMPLETE THE INSIDE PAGES OF THIS FORM.
ALSO COMPLETE FORM A. RETURN THE FORMS TO:

ENGINEERING WORKFORCE COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
1111 19th St., N.W., Suite 608, WASHINGTON, D.C. 20036-3690

A Business Reply Envelope is provided for your convenience.
Note: Different Zip Code for Business Reply.

DEADLINE: APRIL 30, 1994. Data entry begins JANUARY 15. Your prompt response will help us release the results by July 1994.

FORM B

PRESENT SALARY OF SUPERVISORY ENGINEERING GRADUATES ONLY

IMPORTANT - please read carefully before filling out form. Do NOT enter salary amounts; enter the number of persons in the salary-and-experience bracket. See sample form on the last page.

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest ENGINEERING degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row — *note that some brackets include a wider salary range than others.* Separate sections of the form are set aside for each degree level — bachelor, master, or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their *year of graduation with bachelor's degree*, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1993 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1994 should be combined with that for 1993 graduates. See the sample filled-out form for an illustration.

SALARY should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1994.

SUPERVISORY ENGINEERS should include all engineering graduates whose duties are primarily supervisory or managerial. It is recognized that the precise definition of the group will vary somewhat from company to company. *Please report all supervisory engineering graduates, including those who are in general management or non-technical positions.* If any must be omitted, please describe them on line 2D of the first page of this form. *Do not report part-time employees.*

	ANNUAL SALARY		YEAR OF ENGINEERING BACCALAUREATE DEGREE (OR AGE)																	
	Employees Whose Highest ENGINEERING Degree is a Bachelor's		1993 (23)	1992 (24)	1991 (25)	1990 (26)	1989 (27)	1988 (28)	1987 (29)	1986 (30)	1985 (31)	1982-1984 (32-34)	1979-1981 (35-37)	1976-1978 (38-40)	1973-1975 (41-43)	1970-1972 (44-46)	1967-1969 (47-49)	1964-1966 (50-52)	1961-1963 (53-55)	UP TO 1960 (56+)	
101	$125,000 & over																				101
102	$100,000-124,999	$5,000 intervals																			102
103	$95,000-99,999																				103
104	$90,000-94,999																				104
105	$85,000-89,999																				105
106	$80,000-84,999																				106
107	$76,000-79,999	$4,000 intervals																			107
108	$72,000-75,999																				108
109	$68,000-71,999																				109
110	$64,000-67,999																				110
111	$60,000-63,999																				111
112	$56,000-59,999																				112
113	$53,000-55,999	$3,000 intervals																			113
114	$50,000-52,999																				114
115	$47,000-49,999																				115
116	$44,000-46,999																				116
117	$41,000-43,999																				117
118	$38,000-40,999																				118
119	$36,000-37,999	$2,000 intervals																			119
120	$34,000-35,999																				120
121	$32,000-33,999																				121
122	$30,000-31,999																				122
123	$28,000-29,999																				123
124	$26,000-27,999																				124
125	$24,000-25,999																				125
126	$22,000-23,999																				126
127	Less than $22,000																				127

Employees Whose Highest ENGINEERING Degree is a Master's. Group employees under year when B.S. DEGREE was obtained. If this data is unknown, group by employee's AGE.

201	$125,000 & over																				201
202	$100,000-124,999	$5,000 intervals																			202
203	$95,000-99,999																				203
204	$90,000-94,999																				204
205	$85,000-89,999																				205
206	$80,000-84,999																				206
207	$76,000-79,999	$4,000 intervals																			207
208	$72,000-75,999																				208
209	$68,000-71,999																				209
210	$64,000-67,999																				210
211	$60,000-63,999																				211
212	$56,000-59,999																				212
213	$53,000-55,999	$3,000 intervals																			213
214	$50,000-52,999																				214
215	$47,000-49,999																				215
216	$44,000-46,999																				216
217	$41,000-43,999																				217
218	$38,000-40,999																				218
219	$36,000-37,999	$2,000 intervals																			219
220	$34,000-35,999																				220
221	$32,000-33,999																				221
222	$30,000-31,999																				222
223	$28,000-29,999																				223
224	$26,000-27,999																				224
225	$24,000-25,999																				225
226	$22,000-23,999																				226
227	Less than $22,000																				227

NOTE: Use cross shading in filling shaded areas. Ordinarily no employees are reported in these parts of the form.

Employees Whose Highest ENGINEERING Degree is a Doctor's. Group employees under year when B.S. DEGREE was obtained. If this data is unknown, group by employee's AGE.

301	$125,000 & over																				301
302	$100,000-124,999	$5,000 intervals																			302
303	$95,000-99,999																				303
304	$90,000-94,999																				304
305	$85,000-89,999																				305
306	$80,000-84,999																				306
307	$76,000-79,999	$4,000 intervals																			307
308	$72,000-75,999																				308
309	$68,000-71,999																				309
310	$64,000-67,999																				310
311	$60,000-63,999																				311
312	$56,000-59,999																				312
313	$53,000-55,999	$3,000 intervals																			313
314	$50,000-52,999																				314
315	$47,000-49,999																				315
316	$44,000-46,999																				316
317	$41,000-43,999																				317
318	$38,000-40,999																				318
319	$36,000-37,999	$2,000 intervals																			319
320	$34,000-35,999																				320
321	$32,000-33,999																				321
322	$30,000-31,999																				322
323	$28,000-29,999																				323
324	$26,000-27,999																				324
325	$24,000-25,999																				325
326	$22,000-23,999																				326
327	Less than $22,000																				327

NOTE: Use cross shading in filling shaded areas. Ordinarily no employees are reported in these parts of the form.

GENERAL INSTRUCTIONS:

There are three possible ways to respond:

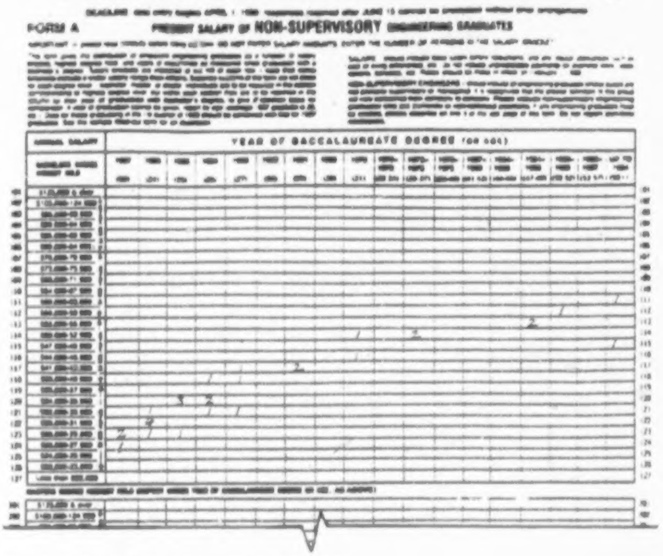
1. It may be possible to easily access your organization's data records to produce a machine-readable file for a common IBM-standard personal computer. See below for further instructions. Don't forget that we must have a copy of page one of the questionnaire, or its equivalent in information on a floppy disk, in order to process the data! EWC much prefers this form of response, as it is faster, more accurate, and ultimately much more convenient for all parties.

2. If your organization has NO MORE THAN 50 engineering graduates, you can choose to simply list them (no names, please) one-by-one on the optional Form C. PLEASE: do not use Form C to report more than 50 engineers. Make up a floppy-based response instead (most word processors will do the job easily — just make sure to save the work as an ASCII "non-document" file), or use Forms A and B.

3. The traditional method is to use EWC's matrix-style Forms A and B. Be sure to complete ALL of the items on page 1 of these forms (you need not duplicate your responses, but NOTE: EACH FORM MUST INCLUDE SEPARATE REPLIES TO QUESTIONS #2, #3B, AND #3D). See the sample of a completed Form A (top third only) at the right.

Whatever approach you use, check your responses carefully before returning them to EWC. EWC welcomes inquiries from participants and will provide help for respondents. Call us at the number listed at the top of Page 1 of the form.

Example of a completed Form A (from the 1988 survey)



EWC POLICY REGARDING SALARY SURVEY PARTICIPANTS

It is our policy to list the names of the organizations participating in our salary surveys, by sector, so that users will be able to ascertain whether a particular industry group is representative of their own. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Company identifications are used only for the purpose of maintaining EWC'S mailing lists and are not entered with the salary data files in our computer. No sector is formed unless at least five responding organizations can be included.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

3. If a single employer's responses account for more than half of the number of data points — engineers — reported for any group, weighting procedures are used to prevent that employer's information from unduly dominating the statistics for the group.

4. At least 200 engineers must be represented in any data set for engineers in industry or government before statistics for the group will be published.

5. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

6. EWC does not obtain the names of individual engineers represented by the data. The only names collected are those of the addressees and other contact persons used for our mailing lists, and these names are not published or disclosed.

7. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

SPECIAL INSTRUCTIONS FOR ORGANIZATIONS PROVIDING SALARY DATA ON FLOPPY DISK MEDIA

EWC strongly encourages its salary survey participants to respond by submitting machine-readable files. In 1993, data on over 62,000 engineers were reported in this fashion. Media must be in the form of standard 3½" or 5 ¼" floppy diskettes. We use MS-DOS. We can also handle most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). YOU MUST ALSO ENCLOSE A COMPLETED COPY OF PAGE 1 OF THE QUESTIONNAIRE (FORM C IS SUGGESTED), TO PROVIDE YOUR ORGANIZATION'S ID AND CLASSIFICATION DATA. Alternatively, you may provide an ASCII text file on the disk with your responses to the page 1 questions. (Note that some items need separate responses for both supervisors and non-supervisors.) Without these data, your response cannot be processed. Give any such text file the name "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a carriage return/line feed combination—the "enter" or "return" key on most systems. Don't forget to use the "enter" or "return" after the last line of data.

3. The contents of each line should be as follows:

- Character 01: either S or N, for Supervisor or Nonsupervisor.
- Character 02: always a comma.
- Character 03: B, M, or P, for Bachelor, Masters, or Ph.D. degree. If degree is unknown or there is no degree, a B.S. equivalent will be assumed.
- Character 04: always a comma.
- Character 05-06: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).
- Character 07: always a comma.
- Characters 08-09: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EWC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).
- Character 10: always a comma.
- Characters 11-16: six digits for annual salary, RIGHT-JUSTIFIED and zero-filled. Leading blanks will be treated as zeros. An "enter" or "return" must follow the entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are engineers reported. On your enclosed Form "C" or in the added SALARY.INF text file, PLEASE SPECIFY THE TOTAL NUMBER OF ENGINEERS REPORTED BY YOUR COMPANY. Comparison of your counts with our own totals is one of several elementary quality control checks employed by EWC.

5. LABEL your diskette with AT LEAST the following information: your organization's name, the particular diskette format used (we will assume DOS if no other information is provided), and the identifier " 94EWCSAL".

PROFESSIONAL INCOME OF ENGINEERS - 1994

A Survey Conducted by the
ENGINEERING WORKFORCE COMMISSION
American Association of Engineering Societies, Inc.
(202) 296-2237

DATA ENTRY BEGINS JAN. 15
Phone reminders to our recent/regular participants will begin in March.
Please call if you can not return the forms by APRIL 30, 1994.

FORM C - Optional Short Form, used in place of both Forms A and B

For organizations with no more than 50 engineers, including both supervisors and non-supervisors

PLEASE CONSIDER SENDING IN YOUR DATA ON A FLOPPY DISK. See the instructions on the last page of this form for more information.

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EWC.

A. Please give the name of your organization:

B. Are you reporting for the ENTIRE ORGANIZATION or just a part of it? *Check one:* ☐ Entire organization ☐ Division or other part of the organization

C. If the data you provide is for a division or other part of the organization, please enter division name: ____________________

D. **Is the mailing label correct?** (This person receives the survey forms and participant's bulletin.) If not, make corrections on the label.

E. Enter ADDRESSEE'S phone number: ____________________

F. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here:

____

2. EWC collects data on BASE SALARY ONLY:

A. What PERCENTAGE of the NON-SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in 1993? Rough estimates are okay; if none, please enter a zero; if you don't know, enter "DK": ____________

B. What PERCENTAGE of the SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in 1993? Rough estimates are okay; if none, please enter a zero; if you don't know, enter "DK": ____________

3. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography:

A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: ____________

B. List the states in which these engineers are employed **and the approximate percentage of engineers working in that state,** for the purpose of regional salary differences: ____________________

C. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: ____________ . . . and the REASON for omission: ____________________

D. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: ____________ . . . and the REASON for omission: ____________________

E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe your organization (see categories below). **NOTE: New categories have been added.** Number for Primary Area: ____________ Number for Secondary Area: ____________
IN ADDITION, please specify the nature of your organization in more detail (e.g., "Biomedical Consulting" or "Optical Instrument Manufacturer")
If you know your Standard Industrial Classification Code, enter that number here: ____________________

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:

31 Aerospace
37 Automotive
51 Ceramic Products: Stone, Clay, Glass, Cement
11 Chemicals, Drugs, Plastics
27 Computer Hardware/Software
21 Electrical Machinery and Equipment
26 Electronic Equipment
52 Food Products
34 Instruments (precision)
56 Lumber & Wood Products
59 Other Manufacturing: Specific Product(s): ____________________
36 Machinery (other than electrical)
42 Metal Products, Fabricated
41 Metals, Basic
53 Paper Products
18 Petroleum
46 Railroad Equipment
55 Rubber & Plastic
38 Shipbuilding
54 Textile Products
32 Other Transportation Equipment

NON-MANUFACTURING, BY SERVICE AREA:

88 Business, Trade, Publishing
81 Communication Services
68 Construction
71 Consultants, Engineering & Architectural
72 Engineering Services, Other: Specify: ____________
73 Environmental Services
75 Software Engineering
61 Mining
74 Research Organizations/Laboratories
84 Transportation Services
86 Electric Utilities (including mixed)
87 Gas Utilities & Pipelines
89 Other Non-Manufacturing, Specify ____________

GOVERNMENT AGENCIES, BY LEVEL:

01 Federal
02 State
03 Local

OTHER NON PROFIT INSTITUTIONS:

94 Professional Societies
95 Other Non Profit Institution: Specify: ____________

ALL OTHERS:

96 Specify nature of organization: ____________

COMPLETE THE INSIDE PAGES OF THIS FORM.
RETURN THE FORM TO:

ENGINEERING WORKFORCE COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
1111 19th St., N.W., Suite 608, WASHINGTON, D.C. 20036-3690

A Business Reply Envelope is provided for your convenience.
Note: Different Zip Code for Business Reply.

DEADLINE: APRIL 30, 1994. Data entry begins JANUARY 15. Your prompt response will help us release the results by June, 1994.

FORM C

PRESENT SALARY OF ENGINEERING GRADUATES

Optional Short Form for UP TO 50 supervisors and/or non-supervisors

IMPORTANT — please read carefully before filling out form.

This form replaces EWC'S traditional matrix style instruments, which allow entry of data for large engineering staffs of up to several thousand persons, in order to provide a simpler data entry form for small organizations. Simply complete one line of the form for each engineer to be reported.

ALL indicated data is needed. NO other data is needed. Please DO NOT WRITE NAMES ON THESE FORMS.

SUPERVISORS include all engineering graduates whose duties are primarily supervisory or managerial. Other engineers are NON-SUPERVISORS. It is recognized that the precise definition of these terms will vary somewhat from company to company. Please include engineering graduates who are currently in general management or non-technical positions. If any engineering graduates must be omitted, please describe on page 1 of this form. DO NOT REPORT PART-TIME EMPLOYEES. Only "S" or "N" should appear in the first column of the form.

EWC measures experience as the number of years since receiving the bachelor's degree. If that date is not available, age is used to estimate it. If you can provide both the year and age data, EWC will use this information to improve its estimation procedures. Either data element will suffice, however.

ANNUAL SALARY — should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Rates should be those in effect on February 1, 1994.

If you use this form, your copies of Forms A and B may be discarded. PLEASE do not use this form to report more than 50 engineers. Make up a disk-based response instead (the format is virtually identical), or use Forms A and B.

	Supervisor (S) or Non-supervisor (N)? Enter S or N:	Highest ENGINEERING Degree Held: B = Bachelor, M = Master, P = Ph.D Enter B, M, or P:	Year graduated with BACHELOR's degree in ENGINEERING Enter YEAR	Age as of Feb. 1, 1994: Enter AGE:	Annual Salary as of Feb. 1, 1994: Enter ANNUAL SALARY:
901					
902					
903					
904					
905					
906					
907					
908					
909					
910					
911					
912					
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GENERAL INSTRUCTIONS:

There are three possible ways to respond:

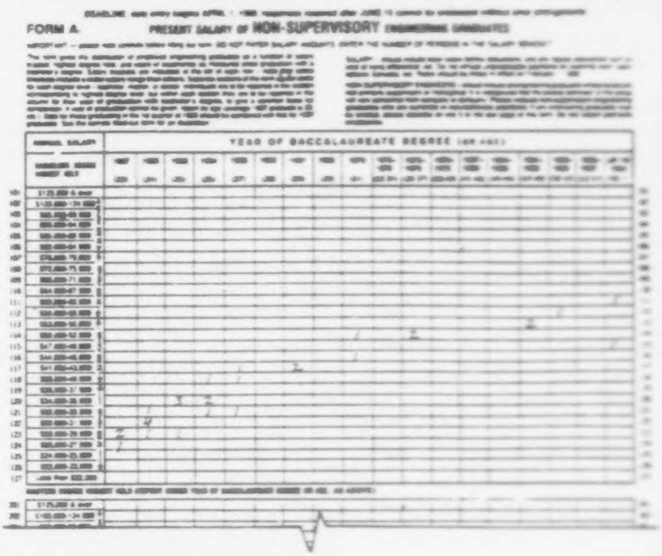
1. It may be possible to easily access your organization's data records to produce a machine-readable file for a common IBM-standard personal computer. See below for further instructions. Don't forget that we must have a copy of page one of the questionnaire, or its equivalent in information on a floppy disk, in order to process the data! EWC much prefers this form of response, as it is faster, more accurate, and ultimately much more convenient for all parties.

2. If your organization has NO MORE THAN 50 engineering graduates, you can choose to simply list them (no names, please) one-by-one on the optional Form C. PLEASE: do not use Form C to report more than 50 engineers. Make up a floppy-based response instead (most word processors will do the job easily — just make sure to save the work as an ASCII "non-document" file), or use Forms A and B.

3. The traditional method is to use EWC's matrix-style Forms A and B. Be sure to complete ALL of the items on page 1 of these forms (you need not duplicate your responses, but NOTE: EACH FORM MUST INCLUDE SEPARATE REPLIES TO QUESTIONS #2, #3B, AND #3D). See the sample of a completed Form A (top third only) at the right.

Whatever approach you use, check your responses carefully before returning them to EWC. EWC welcomes inquiries from participants and will provide help for respondents. Call us at the number listed at the top of Page 1 of the form.

Example of a completed Form A (from the 1988 survey)



EWC POLICY REGARDING SALARY SURVEY PARTICIPANTS

It is our policy to list the names of the organizations participating in our salary surveys, by sector, so that users will be able to ascertain whether a particular industry group is representative of their own. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Company identifications are used only for the purpose of maintaining EWC'S mailing lists and are not entered with the salary data files in our computer. No sector is formed unless at least five responding organizations can be included.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

3. If a single employer's responses account for more than half of the number of data points — engineers — reported for any group, weighting procedures are used to prevent that employer's information from unduly dominating the statistics for the group.

4. At least 200 engineers must be represented in any data set for engineers in industry or government before statistics for the group will be published.

5. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

6. EWC does not obtain the names of individual engineers represented by the data. The only names collected are those of the addressees and other contact persons used for our mailing lists, and these names are not published or disclosed.

7. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

SPECIAL INSTRUCTIONS FOR ORGANIZATIONS PROVIDING SALARY DATA ON FLOPPY DISK MEDIA

EWC strongly encourages its salary survey participants to respond by submitting machine-readable files. In 1993, data on over 62,000 engineers were reported in this fashion. Media must be in the form of standard 3½" or 5 ¼" floppy diskettes. We use MS-DOS. We can also handle most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). YOU MUST ALSO ENCLOSE A COMPLETED COPY OF PAGE 1 OF THE QUESTIONNAIRE (FORM C IS SUGGESTED), TO PROVIDE YOUR ORGANIZATION'S ID AND CLASSIFICATION DATA. Alternatively, you may provide an ASCII text file on the disk with your responses to the page 1 questions. (Note that some items need separate responses for both supervisors and non-supervisors.) Without these data, your response cannot be processed. Give any such text file the name "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a carriage return/line feed combination—the "enter" or "return" key on most systems. Don't forget to use the "enter" or "return" after the last line of data.

3. The contents of each line should be as follows:

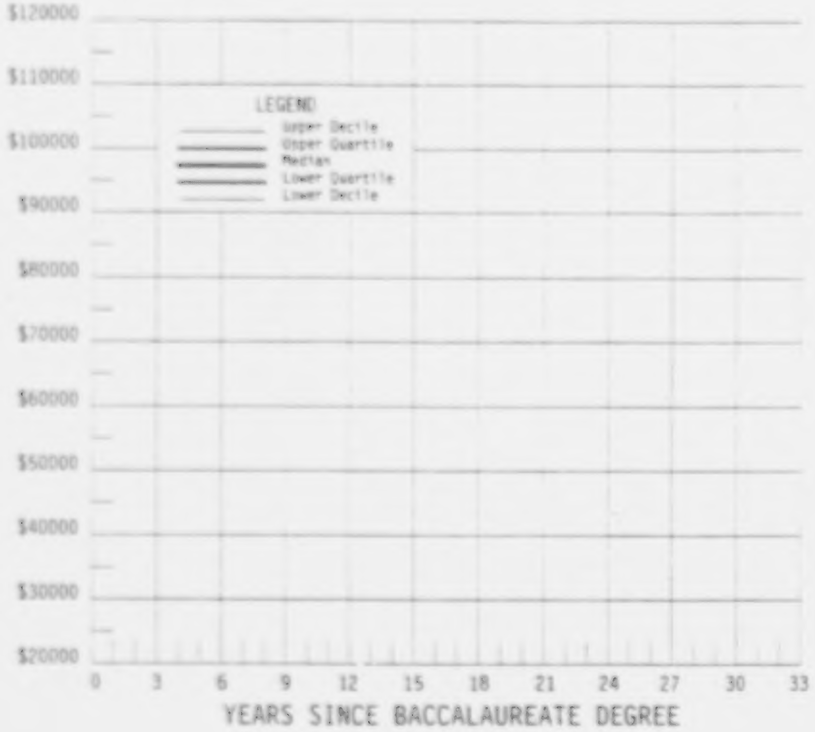
- Character 01: either S or N, for Supervisor or Nonsupervisor.
- Character 02: always a comma.
- Character 03: B, M, or P, for Bachelor, Masters, or Ph.D. degree. If degree is unknown or there is no degree, a B.S. equivalent will be assumed.
- Character 04: always a comma.
- Character 05-06: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).
- Character 07: always a comma.
- Characters 08-09: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EWC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).
- Character 10: always a comma.
- Characters 11-16: six digits for annual salary, RIGHT-JUSTIFIED and zero-filled. Leading blanks will be treated as zeros. An "enter" or "return" must follow the entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are engineers reported. On your enclosed Form "C" or in the added SALARY.INF text file, PLEASE SPECIFY THE TOTAL NUMBER OF ENGINEERS REPORTED BY YOUR COMPANY. Comparison of your counts with our own totals is one of several elementary quality control checks employed by EWC.

5. LABEL your diskette with AT LEAST the following information: your organization's name, the particular diskette format used (we will assume DOS if no other information is provided), and the identifier " 94EWCSAL".

SALARY CURVES FOR ENGINEERS



CURRENT ENGINEERING WORKFORCE COMMISSION PUBLICATIONS

Custom runs of degree, enrollment or salary data are possible; call us for details. Our machine-readable products are provided on IBM-standard 5¼" or 3½" floppy disks and include most, but not all, of the details available in EWC's printed reports; in the case of the enrollment disks, data is also provided that is not included in the printed materials. For more information, contact the AAES Research Department.

ENGINEERS' SALARIES: SPECIAL INDUSTRY REPORT 1994 (published July 1994)

A detailed breakdown of engineering salaries according to type of industry, geographic regions, company size, employee experience, highest degree held, and supervisory status. Tables and graphs depict salaries in medians, quartiles, deciles and means. member price: $169.00 non-member price: $287.50

PROFESSIONAL INCOME OF ENGINEERS 1994 (published July 1994)

An abridged version of the Special Industry Report. Details for salary differences by highest degree held are not included; tabulations are added on engineering compensation in local, state and federal government agencies.
member price: $70.00 non-member price: $115.00

SALARIES OF ENGINEERS IN EDUCATION 1994 (published July 1994)

Median, quartile, decile and mean salaries across 18 experience brackets for engineering faculty, by academic rank, contract types, and type of institution. member price: $70.00 non-member price: $112.00

ENGINEERING AND TECHNOLOGY ENROLLMENTS: FALL 1993 (published April 1994)

An overview of the enrollment of students in engineering and engineering technology programs throughout the nation. Details by fields of study for specific schools and states, with added tabulations for women, minorities, and foreign nationals.
member price: $120.00 non-member price: $195.00
Machine-readable data files for Lotus 1-2-3: member price: $595.00 non-member price: $795.00

ENGINEERING AND TECHNOLOGY DEGREES 1993 (published December 1993)

A comprehensive report on recent engineering and engineering technology degrees that provides general statistics for schools and states on degrees in 40 engineering and technology disciplines, data for awards to women, minorities, and foreign nationals, and detailed data for specific curricula. member price: $140.00 non-member price: $230.00
Machine-readable data files for Lotus 1-2-3: member price: $595.00 non-member price: $795.00

ENGINEERING WORKFORCE BULLETINS (eight issues throughout the calendar year)

Concise, timely information on trends in engineering salaries, enrollments, degrees, women and minorities in engineering, other topics.
Full subscription year: member price: $69.00 non-member price: $112.00
Single copies: member price: $9.00 non-member price: $14.00

NOTE: Back issues of the *Engineering Workforce Bulletin* and most of EWC's printed reports are available.

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Member prices are available to members of AAES member societies, employees of Industry Affiliates, and educational institutions or firms that have participated in the study to be purchased. Special prices are available to employees of EWC Sustaining Associates and their subsidiaries, and employees of EWC Academic Associates. Please include society affiliation and membership number, Industry Affiliate, EWC Sustaining Associate, EWC Academic Associate, or survey participant information with your order, if applicable. First class postage (U.S. domestic) is included in the purchase price. Foreign orders add 10%; check must be payable in U.S. funds. Visa and MasterCard charges are also accepted (include account number, expiration date and signature). Orders charged to Visa and MasterCard accounts may be placed directly by phone (U.S. only) at 1-800-658-8897. Mail orders should be directed to the AAES Publications Department, Suite 608, 1111 19th St. N.W., Washington, D.C. 20036-3690.

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American Society of Civil Engineers

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